

Pacific Gas and Electric Company  
Semi-Monthly Report No. 10  
Diablo Canyon Verification Program  
March 30, 1982

Summary

This is PGandE's tenth semi-monthly status report and summarizes the progress of our verification program from March 11, 1982 through the close of business on Wednesday, March 24, 1982. Pursuant to discussions at the March 25 meeting, the format of this tenth report has been changed to reflect work performed by PGandE in addition to the independent design verification program ordered by the NRC.

As part of efforts related to the independent design verification program, PGandE, to date, has closed out 53 of the 147 Error and Open Items (EOIs) identified. Of the remaining 94 EOIs, only 38 require action by PGandE.

PGandE's assessment of R. L. Cloud Associates, Inc. (RLCA) progress report number nine is described in this report.

As part of efforts in addition to the independent design verification program, PGandE's review of systems and equipment in the annulus area, including confirmatory analyses and redesigns, is almost complete. Confirmatory analyses and redesign work are expected to be completed by April 1, 1982. In addition, PGandE has identified one new open item and has resolved one open item.

Status of Progress For the  
Independent Design Verification Program

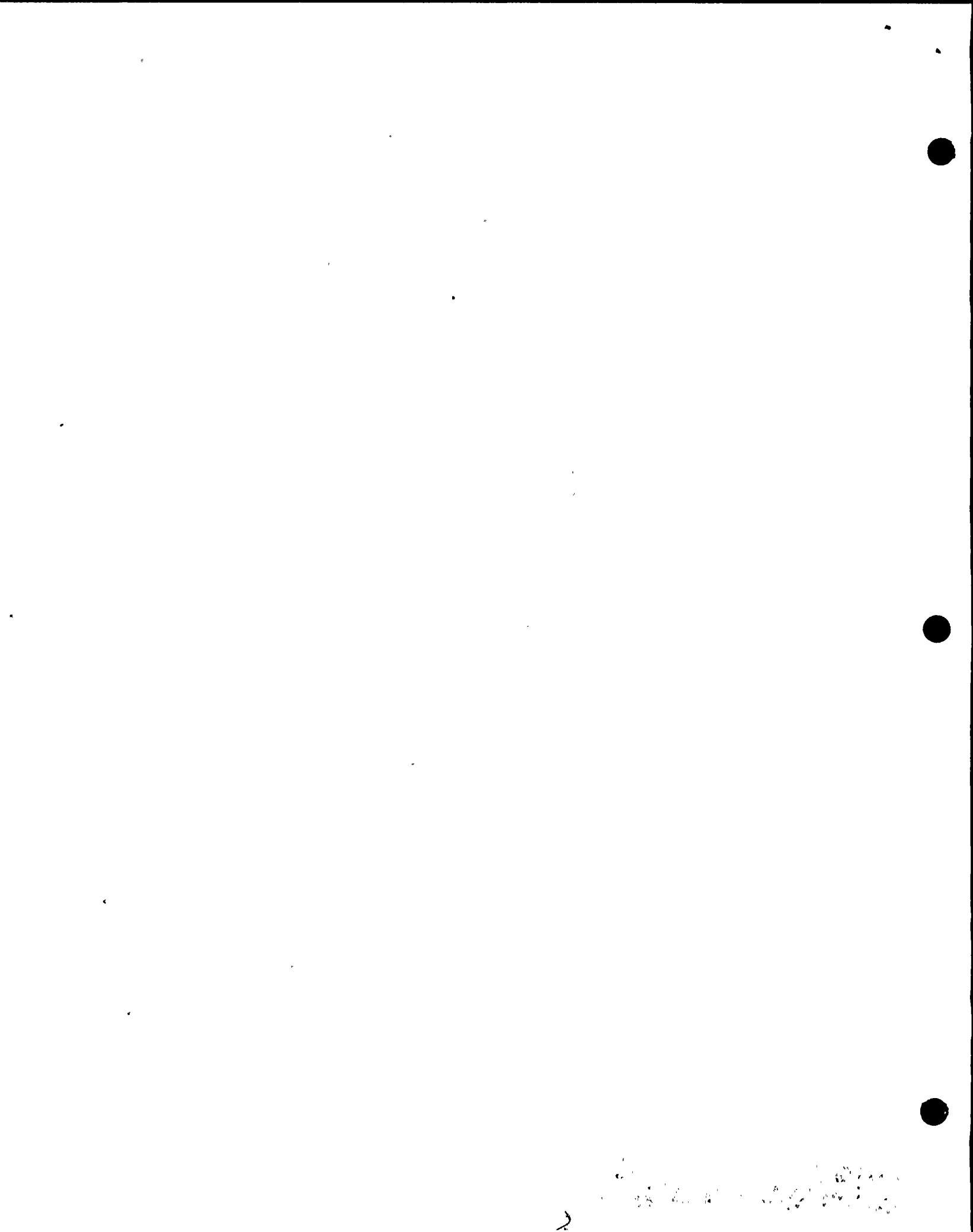
This section provides PGandE's resolution of RLCA EOIs and PGandE's assessment of the status of work performed by RLCA related to the Phase I portion of the independent design verification effort.

I. RLCA EOI Status

PGandE has received 20 new EOIs from RLCA for a total of 147 EOIs (Attachment I). A total of 94 EOIs remain open of which 38 require action by PGandE, and 56 require action by RLCA.

**REGULATORY DOCKET FILE COPY**

8204010434 820330  
PDR ADOCK 05000275  
PDR



A total of 53 EOIs have been resolved and closed: two of the Errors, seven of the QA findings, 12 of the QA Observations, and 32 of the Open Items. Of these 32, 21 were closed as "closed items" and 11 were closed as "deviations."

II. RLCA Requests For Information

Eleven of 149 requests for information by RLCA remain outstanding as of this report (Attachment II).

III. PGandE's Assessment of RLCA Progress Report No. 9

RLCA's ninth progress report indicates that RLCA is nearing completion of the "generic" sample. One area not yet analyzed in any significant detail is piping supports; thus far, RLCA's work has been on the piping systems.

RLCA is closing out the EOIs that it has resolved during the final phases of the verification program. To close out an EOI, a recommendation will be provided by RLCA at the completion of each generic sample or analysis.

In the areas where generic samples are completed, recommendations will be provided by RLCA for additional PGandE work with follow-up activities for RLCA. PGandE is reviewing these RLCA recommendations.

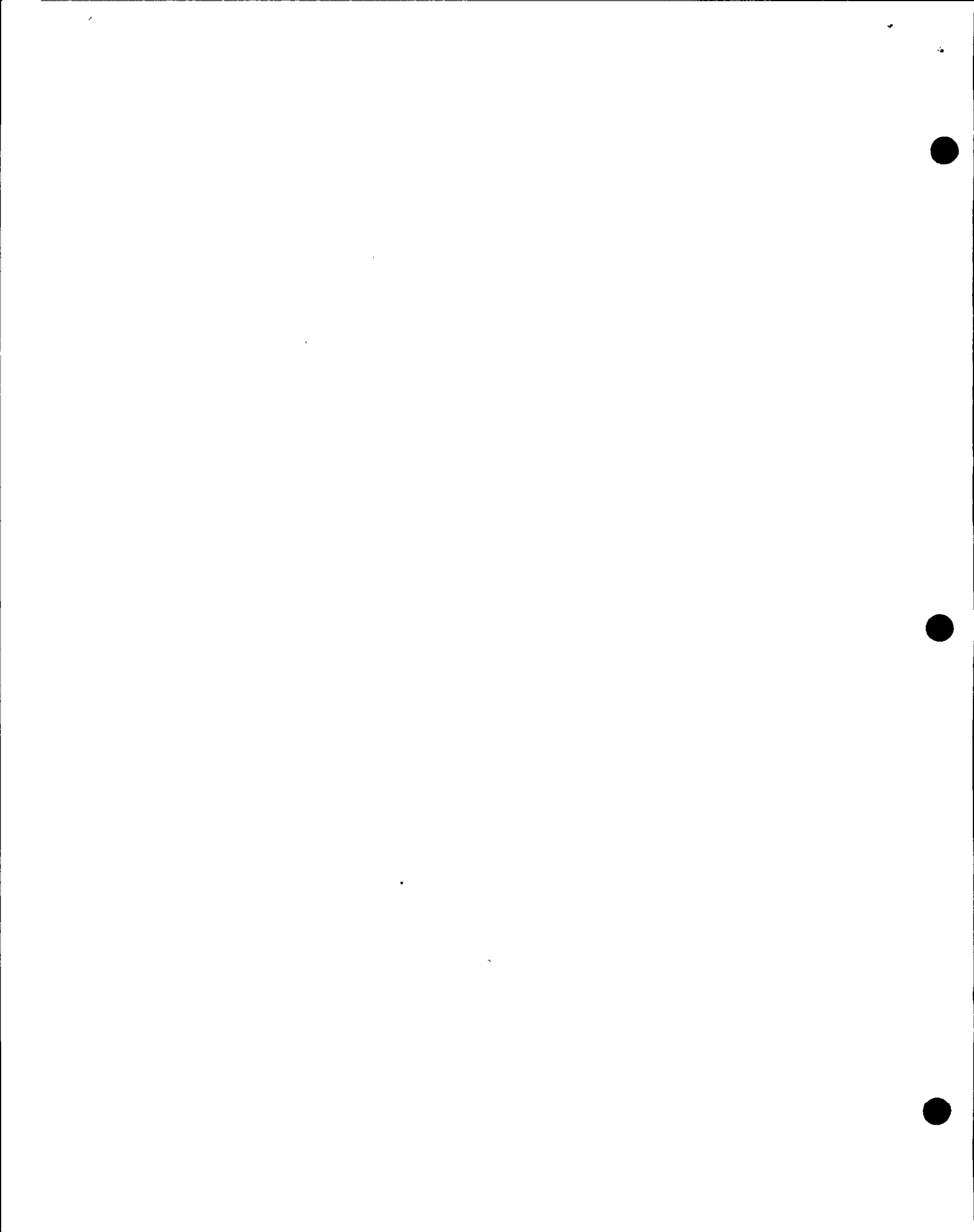
The expected date of completion for the "generic" sample is April 15, 1982. At that time, the remaining work can be scoped and an estimated completion date of Phase I made.

Status of Progress Of  
Additional PGandE Efforts

These sections describe the status of work in PGandE's Technical Program which is performed in addition to the independent design verification effort ordered by the NRC.

I. Annulus Review

This section provides a description of PGandE's progress of work in resolving the concerns identified during review of the annulus design. Issues described in this section in previous reports but not listed here, such as mechanical and piping, are complete.



Civil Engineering

Structures

Verified seismic loads for all of the pipe supports attached to the annulus structure have been received. Confirmatory analysis of the structural members is 75% complete.

Conduit Supports

The design for conduit support modifications described in previous reports is expected to be completed by April 1, 1982. Twenty-two individual supports are affected.

II. PGandE Open Items Status (OIs)

A total of 21 Open Items has been identified (Attachment III), one of which is new. One open item has been resolved by PGandE.

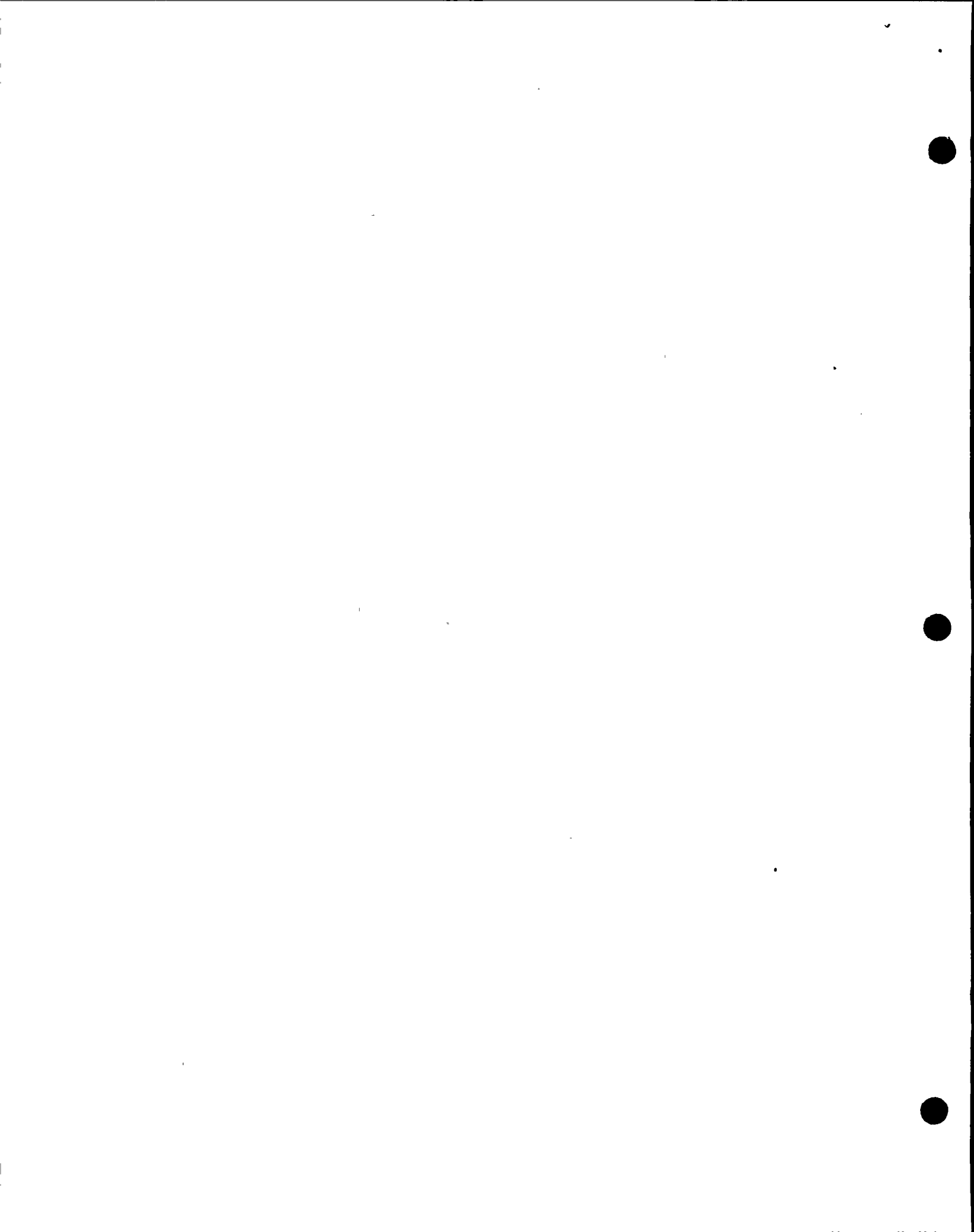
New Open Item

HVAC Duct Calculations (Open Item No. 21)

This item was identified during PGandE's review of seismic analyses work. Calculations performed by a PGandE consultant for 14" HVAC Duct support loadings used incorrect seismic response spectra in some cases. The spectra applicable to Elevation 163' in the Auxiliary Building were used for seismic loading at elevations higher than 140' in the Turbine Building. PGandE is having new spectra generated where required in the Turbine Building to determine the adequacy of the previous calculations. Subsequently, PGandE will implement appropriate corrective action if necessary.



for John B. Hoch  
Diablo Canyon Project Manager



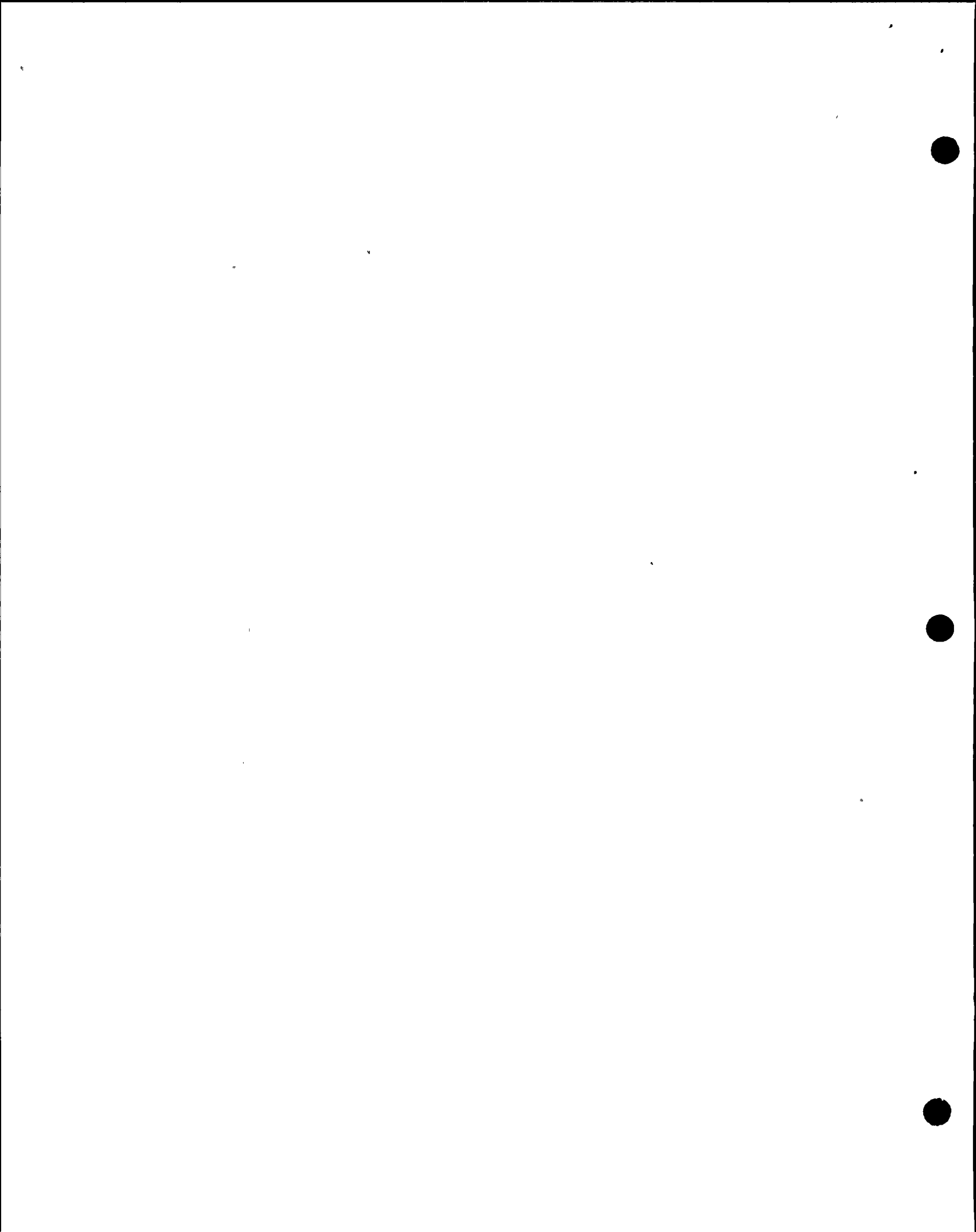
## ATTACHMENT I

### Error and Open Items

#### LEGEND

1. TASK # - The number assigned by PGandE for tracking. (Note 1)
2. INITIATING DOCUMENT - The EOI number.
3. IDENT DT - Date problem was identified: year-month-date.  
The computer defaults to 000000.
4. ECD - Estimated Completion Date. The computer will enter 999999  
until a date is entered.
5. DESCRIPTION - Self-explanatory.
6. STATUS - Will be used to describe status of resolution.
7. A%C - Actual Percent Complete.
8. CLS DT - Closed Date.

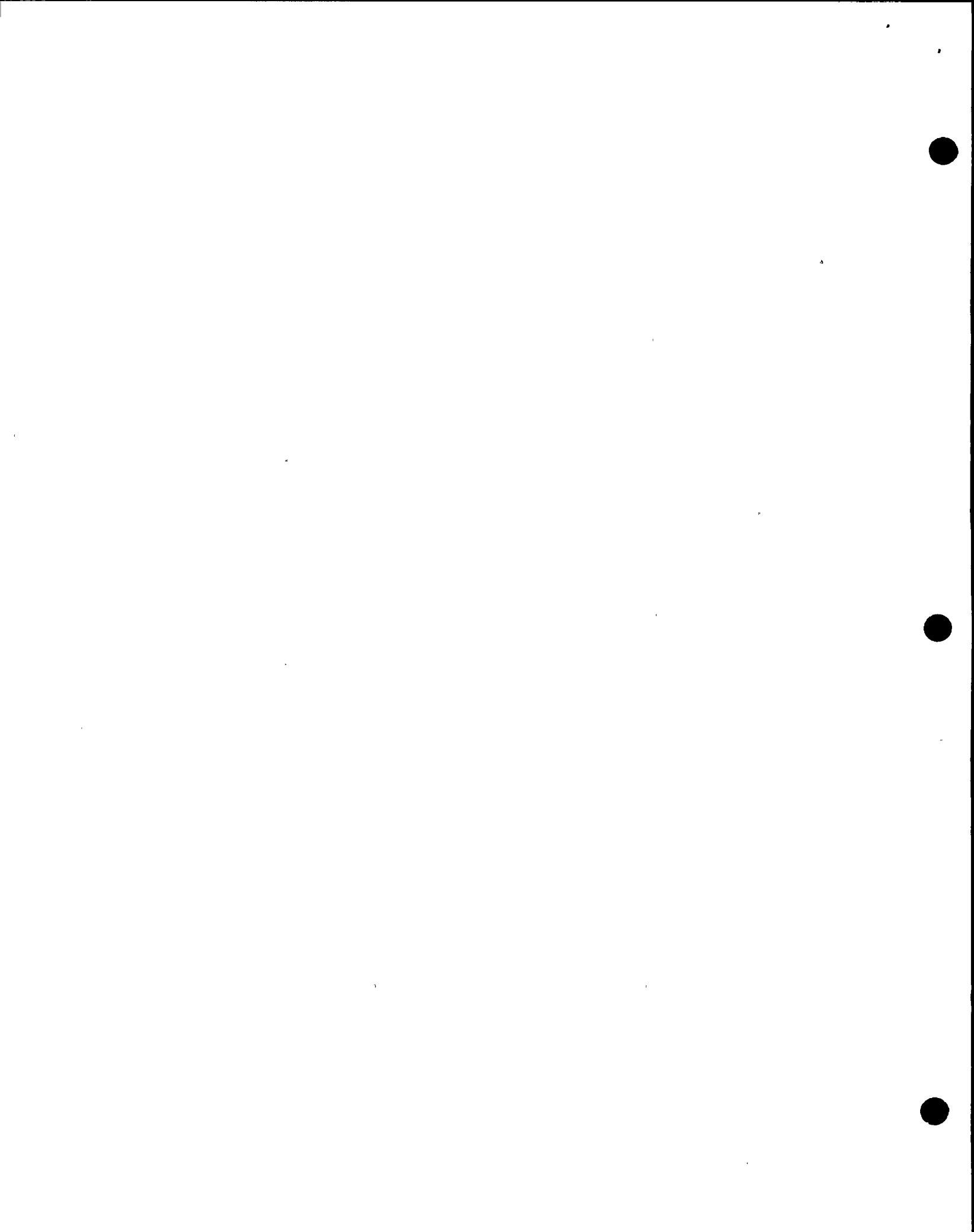
Note 1: Task numbers are not necessarily sequential for this listing. All 70000 series task numbers are dedicated to EOIs or OIs.





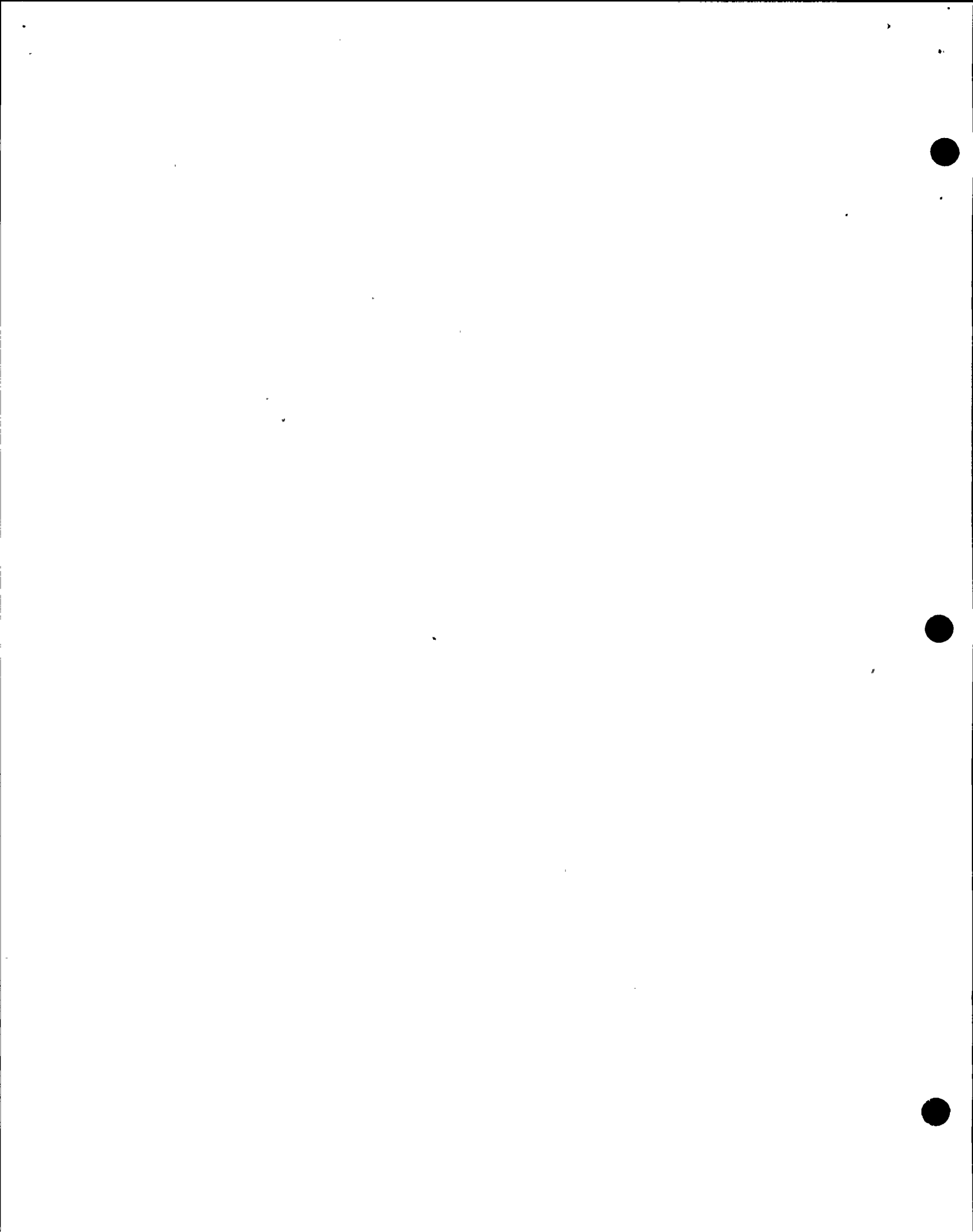
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|--|------------|---------------|
| 70000       | EOI*0910                   | 811231          | 999999     | RLCA OPEN ITEM:<br>THREE OF 20 ELEC RACEWAY<br>SUPPORTS WERE FOUND AT<br>VARIANCE WITH THE PG&E<br>INSTALLATION CRITERIA.  | *PG&E ACTION REQUIRED*   | 25         |               |
| 70001       | EOI*0920                   | 811200          | 999999     | RLCA OPEN ITEM:<br>AUXILIARY BUILDING FLOOR<br>RESPONSE SPECTRA IN THE NS<br>DIRECTION CONTAINED IN THE<br>HOSGRI REPORT DIFFER FROM<br>THOSE IN THE OCTOBER 1979<br>BLUME REPORT. | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE LATEST<br>URS/BLUME SPECTRA AND<br>CHECK ALL QUALIFICATIONS<br>AGAINST THIS SPECTRA. | 30         |               |
| 70002       | EOI*0930                   | 820104          | 999999     | RLCA OPEN ITEM:<br>THE RLCA PRELIM. REVIEW OF<br>THE PG&E RACEWAY CRITERIA<br>INDICATES THE POSSIBILITY<br>OF UNCONSERVATIVE SEISMIC<br>LOADS.                                     | *PG&E ACTION REQUIRED*   | 80         |               |
| 70003       | EOI*0931                   | 820104          | 820309     | RLCA OPEN ITEM:<br>VALVE 9001A IS SHOWN AS<br>BEING INSTALLED IN THE<br>HORIZONTAL POSITION. FIELD<br>INFORMATION SHOWS THE VALVE<br>IN A VERTICAL POSITION.                       | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS<br>SHOWS VALVE IN VERTICAL<br>POSITION. PG&E TO<br>REVISE ISOMETRIC                              | 100        | 820309        |
| 70004       | EOI*0932                   | 820104          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58S-23R IS SHOWN AS<br>A RIGID VERTICAL SUPPORT<br>FIELD INFORMATION INDICATES<br>A DEAD LOAD SUPPORT ONLY.   | *RLCA ACTION REQUIRED*<br>RLCA'S RESOLUTION IS IN<br>ERROR. THIS SUPPORT<br>HAS BEEN MODIFIED SINCE<br>THE RLCA WALKDOWN.  | 0          |               |



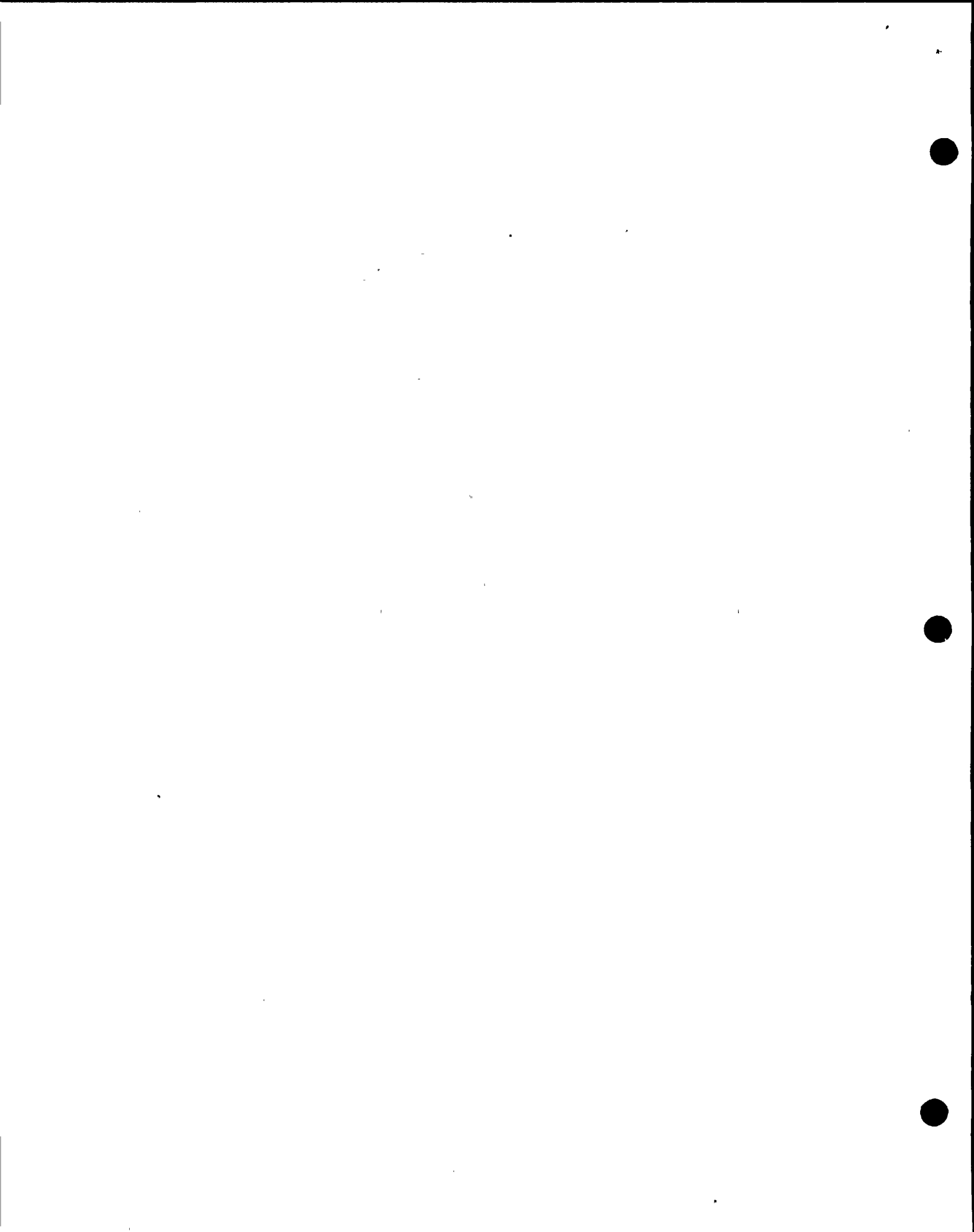
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|------------|---------------|
| 70005       | EOI*0933                   | 820120          | 999999     | RLCA OPEN ITEM:<br>AS-BUILT LENGTH OF LINE 110<br>IS SHOWN ON ISOMETRIC AS<br>9.75 INCHES. FIELD<br>INSPECTION SHOWS THIS<br>DIMENSION AS 12 FEET.                                     | *RLCA ACTION REQUIRED*  | 0          |               |
| 70006       | EOI*0934                   | 820120          | 820309     | RLCA OPEN ITEM:<br>DIRECTION OF RESTRAINT FOR<br>SUPPORT 72/11R IS NOT GIVEN.  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS<br>SHOWS SUPPORT TO BE<br>ACTIVE IN THE VERTICAL<br>DIRECTION. PG&E TO<br>REVISE ISOMETRIC. | 100        | 820309        |
| 70007       | EOI*0935                   | 820120          | 820309     | RLCA OPEN ITEM:<br>ISOMETRIC SHOWS A 3 INCH<br>LINE NO. 931, ATTACHED TO<br>LINE 1971 FIELD INSPECTION<br>SHOWED NO 3 INCH LINE.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION (CLOSED<br>ITEM): RLCA HAS MISREAD<br>LINE 931 BRANCHES OFF<br>LINE 111 ON ISOMETRIC.  | 100        | 820309        |
| 70008       | EOI*0936                   | 820120          | 999999     | RLCA OPEN ITEM:<br>THE LENGTH OF THE VERTICAL<br>RUN OF LINE 1971 IS SHOWN ON<br>ISOMETRIC AS 2 FEET 0<br>INCHES. FIELD INSPECTION<br>SHOWED THIS DIMENSION TO BE<br>2 FEET 10 INCHES. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS<br>SHOWS LENGTH AS 2 FEET<br>8 INCHES. PG&E TO<br>REVISE ISOMETRIC.                         | 0          |               |



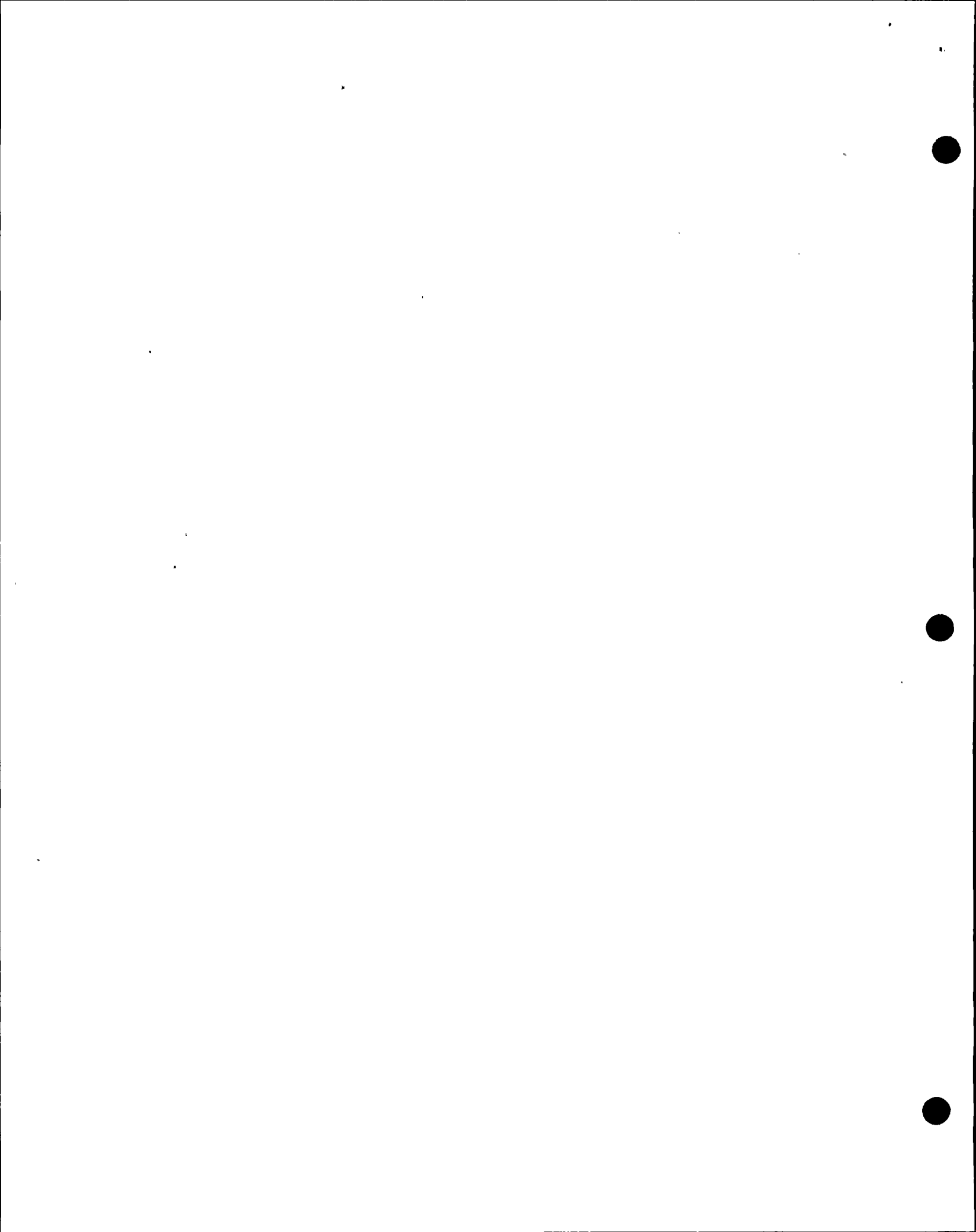
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70009       | EOI*0937                   | 820120          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC DOES NOT SHOW THE<br>SECOND FLANGE ON THE<br>VERTICAL RUN OF LINE 44.<br>FIELD INSPECTION SHOWED THE<br>LOCATION OF THIS SECOND<br>FLANGE 13 INCHES ABOVE THE<br>FIRST FLANGE. | *RLCA ACTION REQUIRED*  | 0          |               |
| 70010       | EOI*0938                   | 820120          | 999999     | RLCA OPEN ITEM:<br>VALVE 8805B IS SHOWN ON<br>ISOMETRIC IN A VERTICAL<br>POSITION. FIELD INSPECTION<br>SHOWED THAT THE VALVE IS IN<br>A HORIZONTAL POSITION.  | *RLCA ACTION REQUIRED*<br>INFORMATION TRANSMITTED<br>TO RLCA.   | 0          |               |
| 70011       | EOI*0939                   | 820120          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 73/72R ON ISOMETRIC<br>IS SHOWN TO BE ACTIVE IN<br>THE NS DIRECTION ONLY.<br>FIELD INSPECTION SHOWED<br>THE SUPPORT ACTIVE IN BOTH<br>NS AND EW DIRECTIONS.                      | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: SUPPORT IS<br>NOT ACTIVE IN THE EW<br>DIRECTION PER PG&E<br>ANALYSIS. | 0          |               |
| 70012       | EOI*0940                   | 820120          | 999999     | RLCA OPEN ITEM:<br>THE "AS-BUILT" LENGTH OF<br>LINE 103 SOUTH OF SUPPORTS<br>18/2R AND 18/12SL IS SHOWN<br>ON ISOMETRIC AS 15 FEET 6<br>INCHES. FIELD INSPECTION<br>SHOWED THIS DIMENSION AS 6<br>FEET.     | *RLCA ACTION REQUIRED*  | 0          |               |



STATUS OF RLCA EOIS

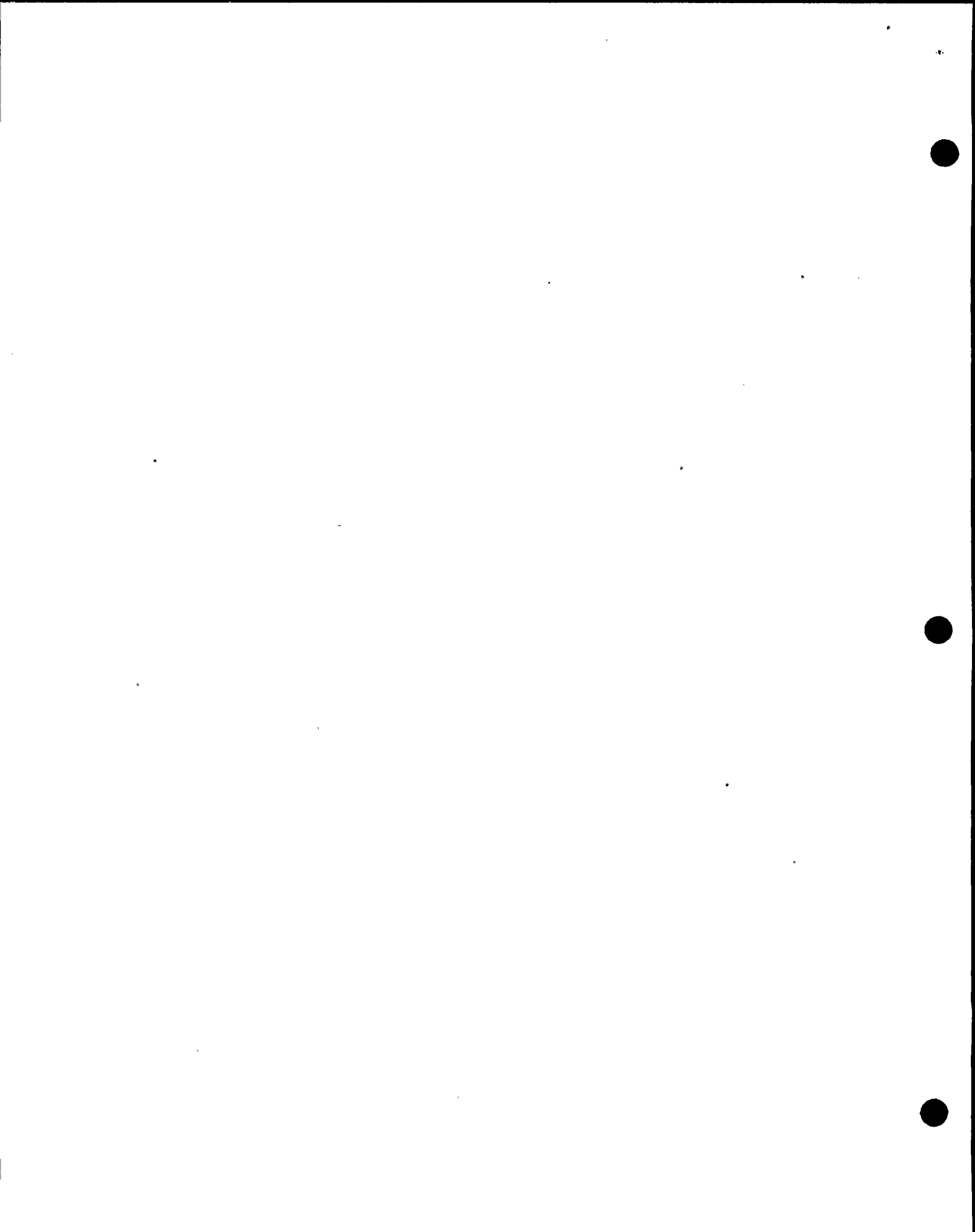
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-------------|---------------|
| 70013       | EOI*0941                   | 820120          | 820309     | RLCA OPEN ITEM:<br>DIRECTION OF RESTRAINT FOR<br>SUPPORT 18/4R ON ISOMETRIC<br>IS NOT GIVEN.   | *CLOSED*<br>PG&E CONCURS WITH RLCA*<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS<br>SHOWS SUPPORT TO BE ACTIVE<br>IN VERTICAL DIRECTION.<br>PG&E TO REVISE ISOMETRIC. | 100         | 820309        |
| 70014       | EOI*0942                   | 820120          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 18/7R IS NOT SHOWN<br>ON ISOMETRIC.   | *RLCA ACTION REQUIRED*  | 0           |               |
| 70015       | EOI*0943                   | 820120          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 5006/V IS NOT SHOWN<br>ON ISOMETRIC.  | *RLCA ACTION REQUIRED*  | 0           |               |
| 70016       | EOI*0944                   | 820120          | 820309     | RLCA OPEN ITEM:<br>SUPPORT 5003/V ON ISOMETRIC<br>IS NOT ADEQUATELY LOCATED.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>SUPPORT IS LOCATED<br>18 INCHES OF VALVE. PG&E<br>TO REVISE ISOMETRIC.                                     | 100         | 820309        |
| 70017       | EOI*0945                   | 820120          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC SHOWS LINE 104<br>SUPPORTED AT THE J COLUMN<br>LINE THE SUPPORT<br>IDENTIFICATION NUMBER AND<br>THE DIRECTIONS OF RESTRAINT<br>ARE NOT SPECIFIED. | *RLCA ACTION REQUIRED*  | 0           |               |
| 70018       | EOI*0946                   | 820120          | 999999     | RLCA OPEN ITEM:<br>DIMENSION OF THE VERTICAL<br>RUN OF LINE 1980 BETWEEN<br>VALVES 8922A AND 8921A ON<br>ISOMETRIC IS NOT SPECIFIED.   | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (ERROR-C):<br>PG&E ANALYSIS 8-21 USES<br>AN INCORRECT DIMENSION.   | 0           |               |





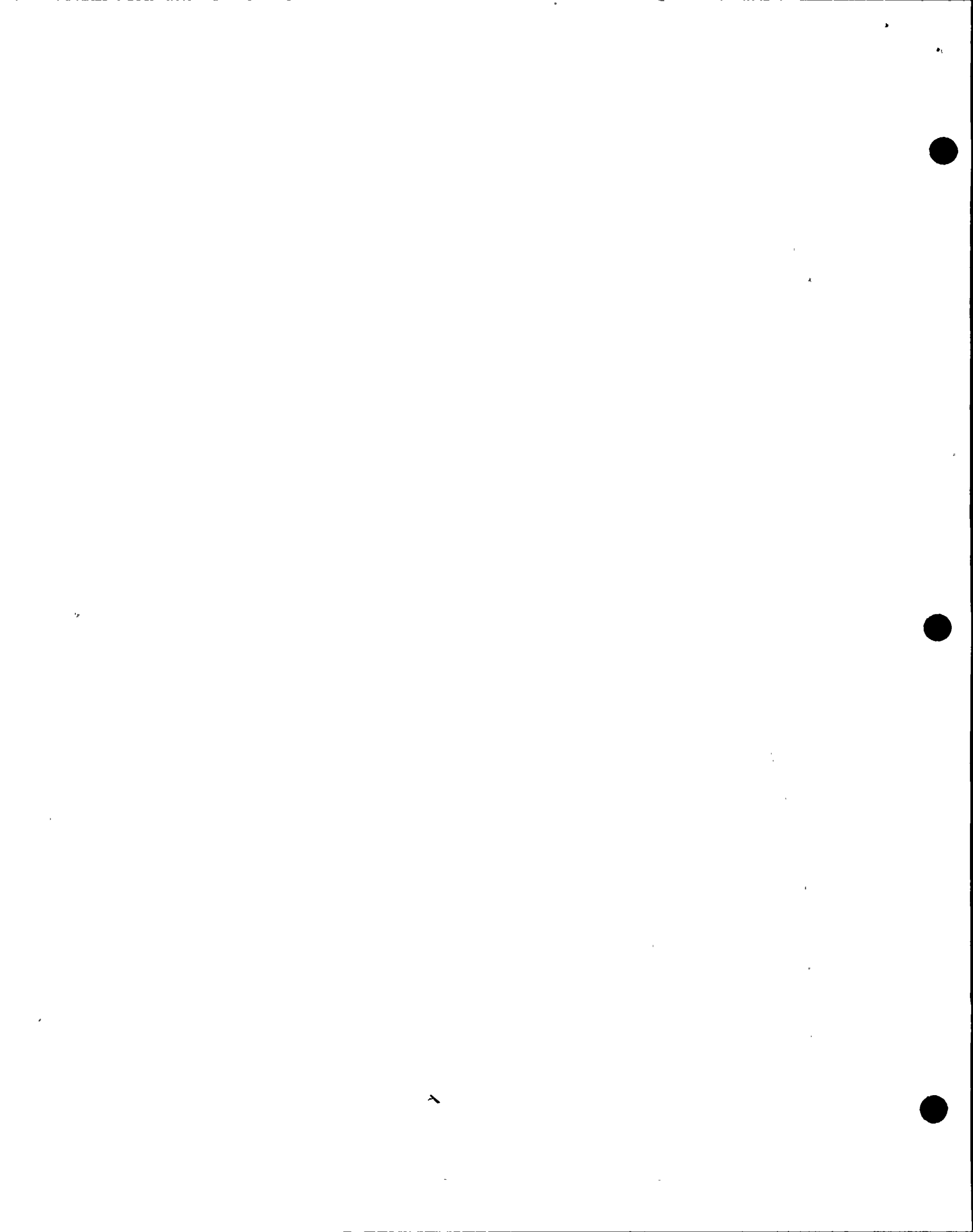
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|--|------------|---------------|
| 70019       | EOI*0947                   | 820120          | 999999     | RLCA OPEN ITEM:<br>VALVE 8821A IS SHOWN ON<br>ISOMETRIC AS BEING INSTALLED<br>IN THE HORIZONTAL POSITION<br>FIELD INSPECTION SHOWED THAT<br>THE VALVE IS IN A VERTICAL<br>POSITION.                                      | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLQA<br>RESOLUTION (ERROR-C):<br>ANALYSIS SHOWS VALVE<br>MODELED IN AN INCORRECT<br>POSITION.                                  | 0          |               |
| 70020       | EOI*0948                   | 820120          | 820305     | RLCA OPEN ITEM:<br>DIRECTION OF RESTRAINT FOR<br>SUPPORT 13/23SL ON ISOMETRIC<br>IS NOT GIVEN.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS SHOWS<br>SUPPORT TO BE ACTING IN<br>A VERTICAL DIRECTION.<br>PG&E TO REVISE ISOMETRIC. | 100        | 820305        |
| 70021       | EOI*0949                   | 820120          | 999999     | RLCA ERROR A OR B:<br>MAIN ANNUNCIATOR CABINET:<br>(1) ORIGINAL ANALYSIS<br>CONSIDERED CABINET RIGID IN<br>LONGITUDINAL DIRECTION. (2)<br>ACTUAL FIRST MODE FREQUENCY<br>IS 14 HZ OR LESS BY<br>INDEPENDENT CALCULATION. | *PG&E ACTION REQUIRED*   | 60         |               |
| 70022       | EOI*0950                   | 820129.         | 999999     | RLCA OPEN ITEM:<br>PLATES ON FCV-95 SUPPORT<br>SHOWN ON DRAWING AS 1/2 INCH<br>THICK FIELD INSPECTION<br>SHOWED THE THICKNESS TO BE<br>3/8 INCHES.   | *PG&E ACTION REQUIRED*<br>PG&E TO INFORM GENERAL<br>CONSTRUCTION TO CONFORM<br>TO DESIGN.  | 0          |               |



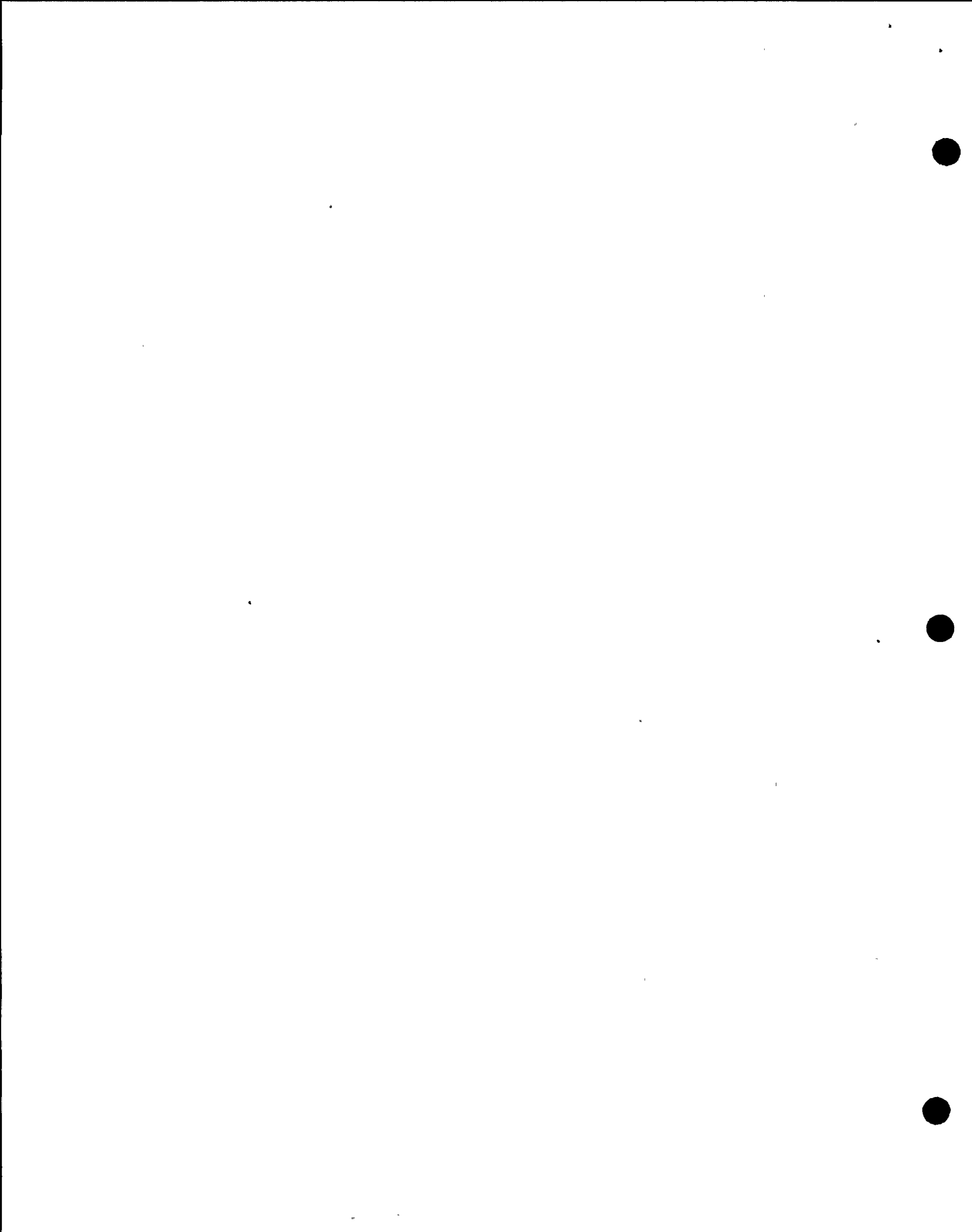
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|-------------|---------------|
| 70023       | EOI*0951                   | 820129          | 820309     | RLCA OPEN ITEM:<br>SUPPORT 1/27R IS SHOWN ON<br>ISOMETRIC TO BE LOCATED 9<br>INCHES FROM THE ELBOW FIELD<br>INSPECTION SHOWED THIS<br>SUPPORT TO BE LOCATED 35<br>INCHES FROM THE ELBOW.                  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS SHOWS<br>SUPPORT LOCATED 33 INCHES<br>FROM ELBOW. PG&E TO<br>REVISE ISOMETRIC. | 100         | 820309        |
| 70024       | EOI*0952                   | 820129          | 820309     | RLCA OPEN ITEM:<br>DIMENSION BETWEEN VALVE FCV<br>37 AND SUPPORT 3/27V IS<br>SHOWN ON ISOMETRIC TO BE<br>4 INCHES FIELD INSPECTION<br>SHOWED THIS DIMENSION TO BE<br>12 INCHES.                           | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS SHOWS<br>DIMENSION TO BE 14 INCHES.<br>PG&E TO REVISE ISOMETRIC.               | 100         | 820309        |
| 70025       | EOI*0953                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58S/69R IS SHOWN ON<br>ISOMETRIC TO BE ACTIVE IN<br>THE Z AND Y DIRECTIONS FIELD<br>INSPECTION SHOWED THIS<br>SUPPORT TO BE ACTIVE IN THE<br>X, Y AND Z DIRECTIONS.            | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: SUPPORT<br>58S/69R WILL BE REDESIGNED<br>TO ALLOW FREE MOVEMENT IN<br>X DIRECTION.                 | 0           |               |
| 70026       | EOI*0954                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58S/56R IS SHOWN ON<br>ISOMETRIC TO BE LOCATED 5<br>FEET, 2 INCHES FROM THE ELBOW<br>FIELD INSPECTION SHOWED THIS<br>SUPPORT TO BE LOCATED 7<br>FEET, 8 INCHES FROM THE ELBOW. | *RLCA ACTION REQUIRED*<br>INFORMATION TRANSMITTED<br>TO RLCA.  | 0           |               |



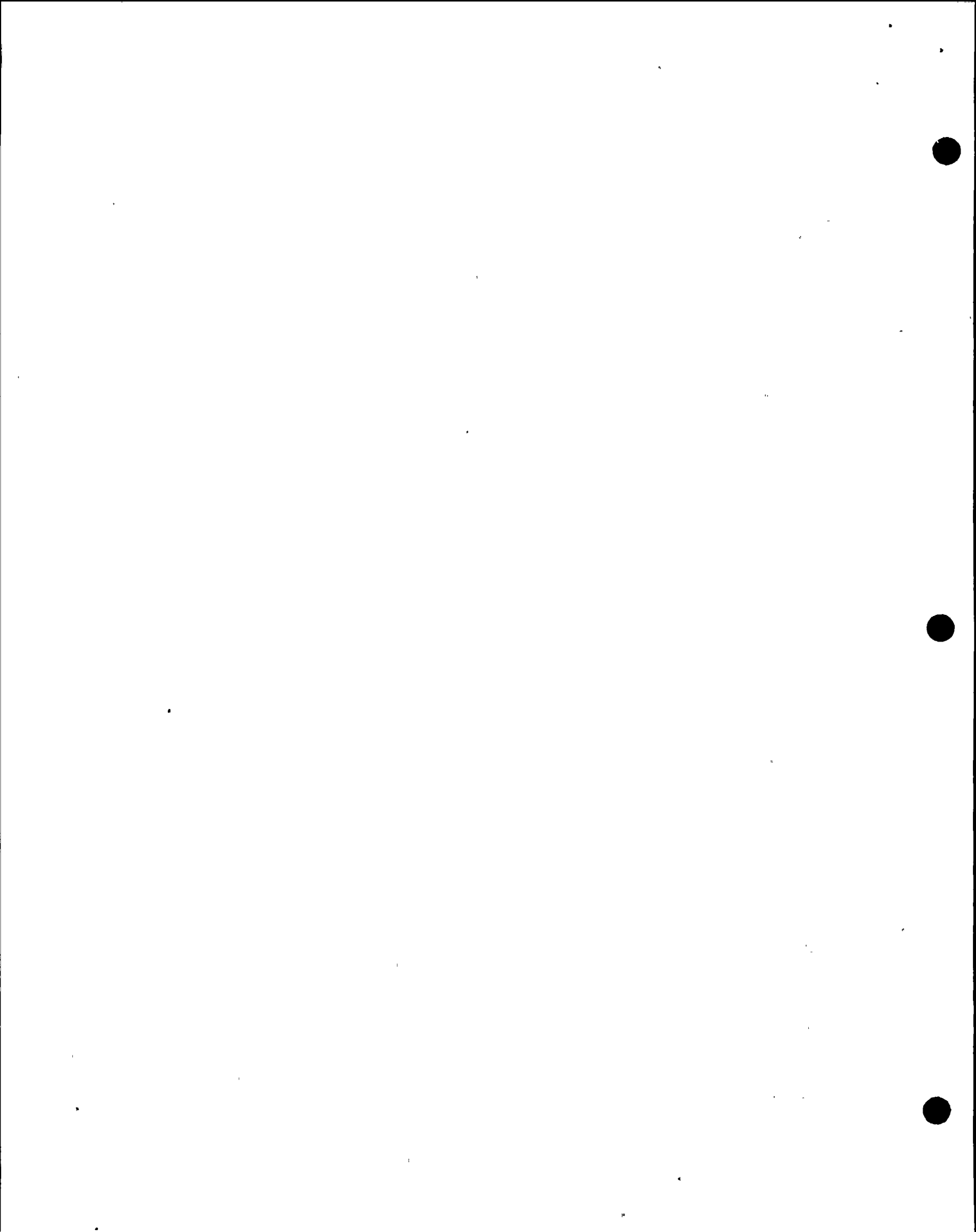
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70027       | EOI*0955                   | 820129          | 820323     | RLCA OPEN ITEM:<br>TWO SUPPORTS, BOTH LABELED<br>58S/57R, ARE SHOWN ON<br>ISOMETRIC.  | *CLOSED*<br>PG&E CONCURS WITH RLCA *<br>RESOLUTION (CLOSED ITEM):<br>PG&E DRAWING FOR SUPPORT<br>58S/57R SHOWS THE<br>RESTRAINT AT TWO SEPARATE<br>LOCATIONS ON LINE 574. | 100        | 820323        |
| 70028       | EOI*0956                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58S/69R IS SHOWN ON<br>ISOMETRIC TO BE LOCATED 3<br>FEET FROM THE ELBOW FIELD<br>INSPECTION SHOWED THIS<br>SUPPORT TO BE LOCATED 2<br>FEET, 1 INCH FROM THE ELBOW. | *RLCA ACTION REQUIRED*  | 0          |               |
| 70029       | EOI*0957                   | 820129          | 820323     | RLCA OPEN ITEM:<br>LINES 577 and 578 ARE SHOWN<br>ON ISOMETRIC TO BE INSULATED<br>FIELD INSPECTION SHOWED<br>THESE LINES UNINSULATED.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION: LINES 577<br>AND 578 ARE NOW INSULATED.   | 100        | 820323        |
| 70030       | EOI*0958                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58S/55V IS SHOWN ON<br>ISOMETRIC TO BE LOCATED<br>ABOVE THE TEE FIELD<br>INSPECTION SHOWED THIS<br>SUPPORT TO BE LOCATED 8<br>INCHES BELOW THE TEE.                | *RLCA ACTION REQUIRED*  | 0          |               |



STATUS OF RLCA EOIS

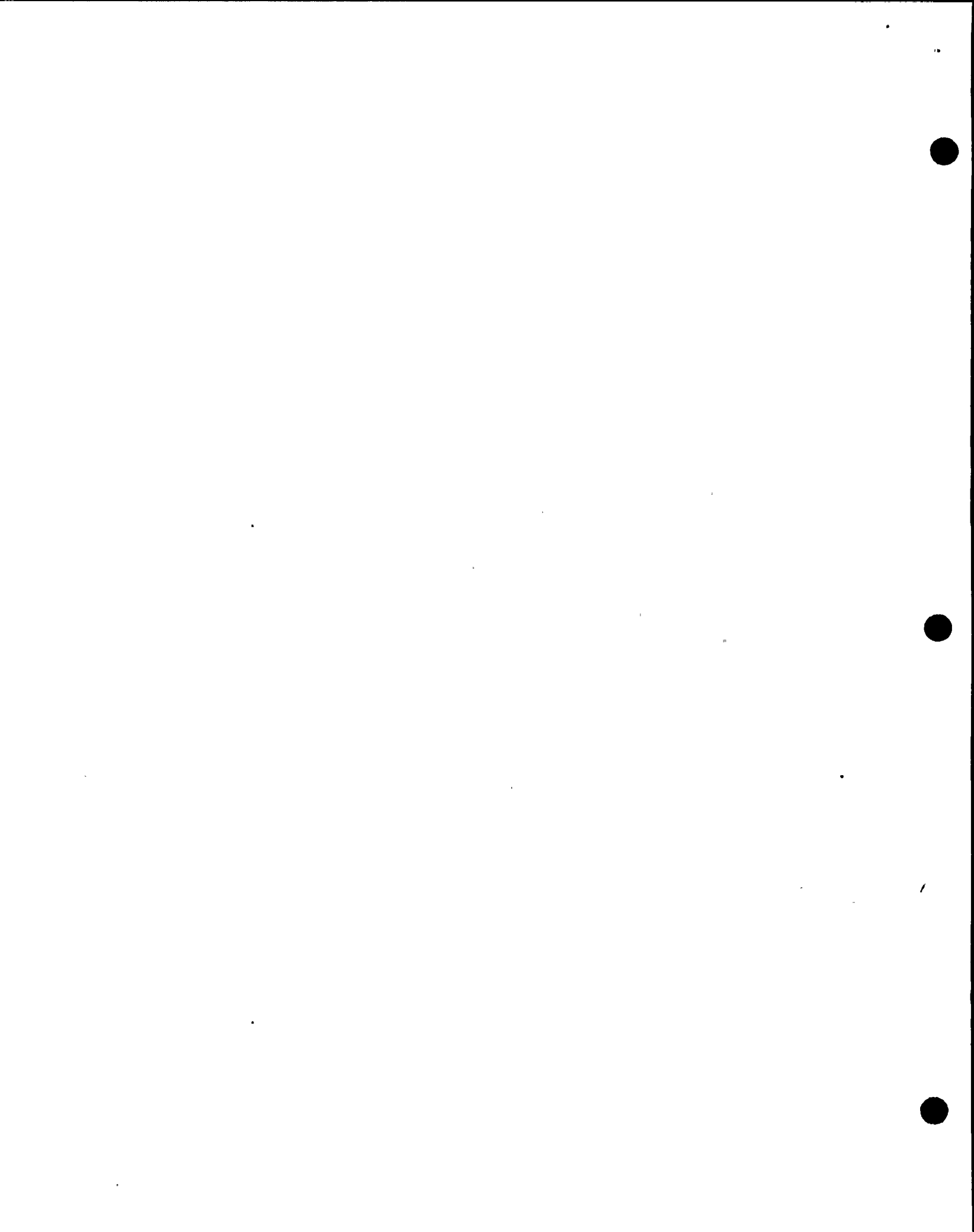
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|------------|---------------|
| 70031       | E0I*0959                   | 820129          | 999999.    | RLCA OPEN ITEM:<br>SUPPORT 11/49SL IS SHOWN ON<br>ISOMETRIC ADJACENT TO THE<br>REDUCER AT ELEVATION 163<br>FEET ON LINE 20 FIELD<br>INSPECTION SHOWED THE<br>SUPPORT TO BE LOCATED<br>ADJACENT TO THE BEND AT<br>ELEVATION 155 FEET. | *RLCA ACTION REQUIRED*  | 0          |               |
| 70032       | E0I*0960                   | 820129          | 820309     | RLCA OPEN ITEM:<br>"AS-BUILT" ELEVATION OF THE<br>FIRST 45-DEGREE ELBOW ABOVE<br>THE HEADER ON LINE 19 IS<br>SHOWN ON ISOMETRIC AS<br>166 FEET. FIELD INSPECTION<br>SHOWED THE ELEVATION TO<br>BE 155 FEET.                          | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS SHOWS<br>DIMENSION TO BE 156 FEET.<br>PG&E TO REVISE ISOMETRIC. | 100        | 820309        |
| 70033       | E0I*0961                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 11/59SL IS SHOWN TO<br>BE ACTIVE IN THE VERTICAL<br>DIRECTION ON ISOMETRIC FIELD<br>INSPECTION SHOWED TWO SKEWED<br>SNUBBERS 20 AND 25 DEGREES<br>RESPECTIVELY FROM VERTICAL.                             | *RLCA ACTION REQUIRED*  | 0          |               |
| 70034       | E0I*0962                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 48/44R IS SHOWN ON<br>ISOMETRIC TO BE ACTIVE IN<br>THE EW DIRECTION FIELD<br>INSPECTION SHOWED THIS<br>SUPPORT TO BE ACTIVE IN BOTH<br>THE EW AND NS DIRECTIONS.  | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: THE RESTRAINT<br>IS NOT ACTIVE IN THE EW<br>DIRECTION.                              | 0          |               |





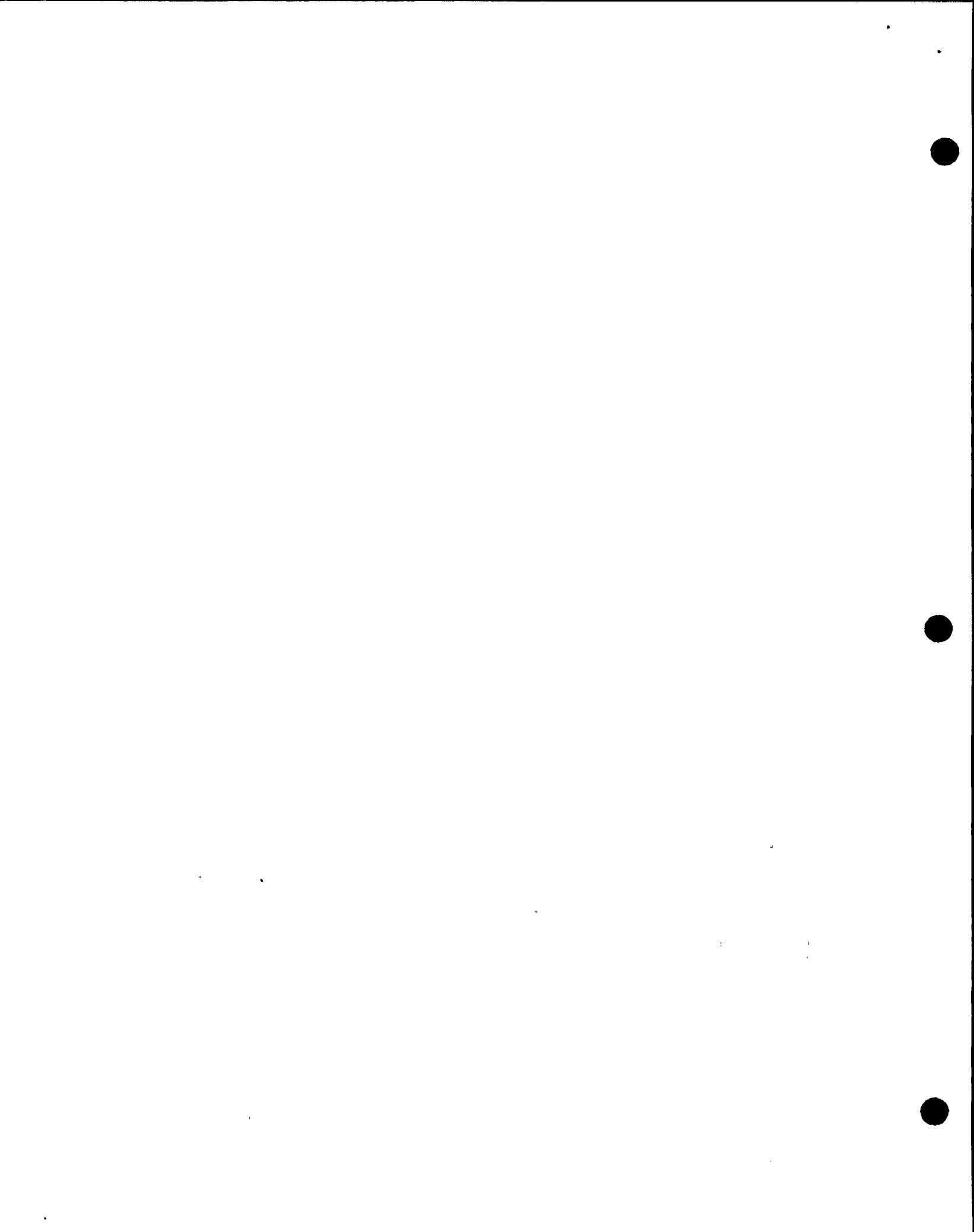
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|-------------|---------------|
| 70035       | EOI*0963                   | 820129          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 58/32R IS SHOWN ON<br>ISOMETRIC TO BE ACTIVE IN<br>BOTH DIRECTIONS OF RESTRAINT.   | *RLCA ACTION REQUIRED*   | 0           |               |
| 70036       | EOI*0964                   | 820129          | 999999     | RLCA OPEN ITEM:<br>FIELD INSPECTION SHOWED A NS<br>RIGID SUPPORT ON LINE 2519<br>ISOMETRIC DOES NOT SHOW THIS<br>SUPPORT.   | *RLCA ACTION REQUIRED*   | 0           |               |
| 70037       | EOI*0965                   | 820129          | 999999     | RLCA OPEN ITEM:<br>THE VERTICAL SPRING HANGER<br>55S/(UNREADABLE) IS SHOWN ON<br>ISOMETRIC TO BE LOCATED 7<br>FEET, 10-3/4 INCHES FROM THE<br>ELBOW BELOW ELEVATION 100<br>FEET FIELD INSPECTION SHOWED<br>THIS SUPPORT TO BE LOCATED 8<br>FEET, 10 INCHES FROM THE<br>ELBOW. | *RLCA ACTION REQUIRED*   | 0           |               |
| 70038       | EOI*0966                   | 820129          | 820309     | RLCA OPEN ITEM:<br>SUPPORT 14/33SL IS SHOWN ON<br>ISOMETRIC TO BE LOCATED 7<br>FEET, 10-3/4 INCHES FROM THE<br>ELBOW FIELD INSPECTION<br>SHOWED THIS SUPPORT TO BE<br>LOCATED 4 FEET, 5 INCHES<br>FROM THE ELBOW.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E PIPING ANALYSIS SHOWS<br>DIMENSION TO BE 4 FEET<br>11 INCHES. PG&E TO REVISE<br>ISOMETRIC. | 100         | 820309        |



STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-------------|---------------|
| 70039       | EOI*0967                   | 811201          | 820420     | RLCA OPEN ITEM:<br>SOME OF THE INTAKE STRUCTURE<br>MAXIMUM ABSOLUTE<br>ACCELERATIONS CONTAINED IN<br>TABLE 1-53 OF THE HOSGRI<br>REPORT DIFFER FROM THOSE IN<br>THE MAY 1979 BLUME REPORT.   | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLGA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE LATEST<br>URS/BLUME SPECTRA AND.<br>CHECK ALL QUALIFICATIONS<br>AGAINST THIS SPECTRA. | 20          |               |
| 70040       | EOI*0968                   | 820130          | 820309     | RLCA QA-FINDINGS:<br>HARDING LAWSON ASSOCIATES<br>WAS NOT REQUIRED BY PG&E TO<br>IMPLEMENT A FORMAL QA<br>PROGRAM FOR THEIR ACTIVITIES<br>PRIOR TO APRIL 10, 1978.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: RLCA WILL<br>PERFORM THE TECHNICAL<br>VERIFICATION. NO<br>FURTHER ACTION CAN BE<br>TAKEN BY PG&E.                                     | 100         | 820309        |
| 70041       | EOI*0969                   | 820130          | 820309     | RLCA QA-FINDINGS:<br>HARDING LAWSON ASSOCIATES QA<br>PROGRAM AND OPERATING<br>PROCEDURES FOR ACTIVITIES<br>PERFORMED PRIOR TO JUNE 1978<br>DID NOT COMPLY WITH THE<br>APPLICABLE CRITERIA<br>REQUIREMENTS OF 10CFR50,<br>APPENDIX B. | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: RLCA WILL<br>PERFORM THE TECHNICAL<br>VERIFICATION. NO<br>FURTHER ACTION CAN BE<br>TAKEN BY PG&E.                                     | 100         | 820309        |
| 70042       | EOI*0970                   | 820130          | 820309     | RLCA QA-FINDINGS:<br>INSUFFICIENT OBJECTIVE<br>EVIDENCE AVAILABLE AT<br>HARDING LAWSON ASSOCIATES TO<br>ESTABLISH THAT A CONTROLLED<br>SYSTEM WAS IN EFFECT WHICH<br>COULD BE ACCEPTED AS<br>EQUIVALENT TO 10CFR50,<br>APPENDIX B.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: RLCA WILL<br>PERFORM THE TECHNICAL<br>VERIFICATION. NO<br>FURTHER ACTION CAN BE<br>TAKEN BY PG&E.                                     | 100         | 820309        |



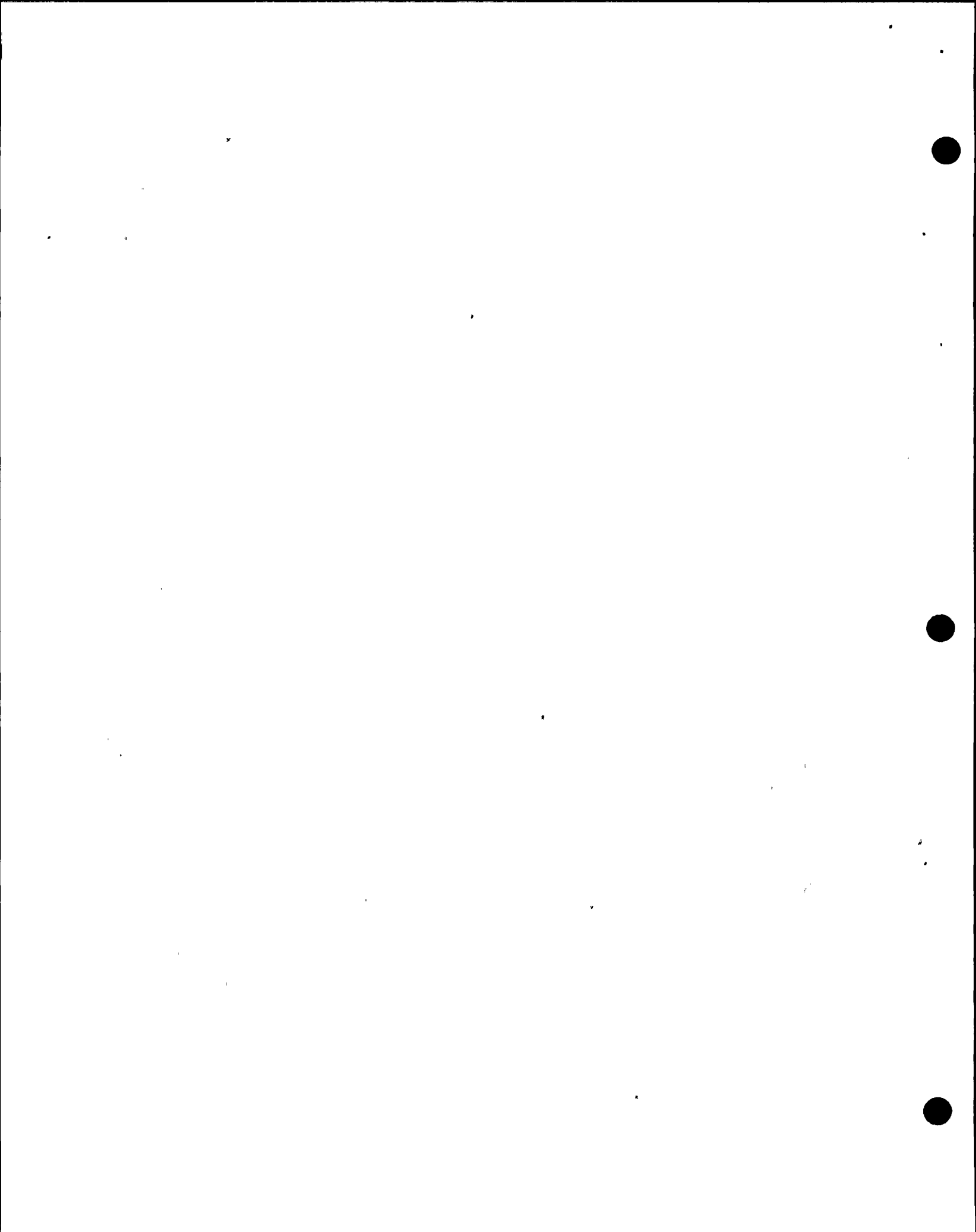
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70043       | E0I*0971                   | 820130          | 820309     | RLCA QA-OBSERV:<br>FOR EDS, THE EXISTENCE OF<br>THE "DESIGN REVIEW CRITERIA"<br>USED IN ACCORDANCE WITH QAP<br>3,7, PAR 3.1 COULD NOT BE<br>VERIFIED. | *CLOSED*<br>RLCA CONCURS WITH PG&E.<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70044       | E0I*0972                   | 820130          | 820309     | RLCA QA-OBSERV:<br>FOR EDS, IN MANY CASES,<br>"POINT OF USE" REFERENCES<br>WERE NOT MADE FOR EQUATIONS<br>IN THE CALCULATION FILES.                   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E.  | 100        | 820309        |
| 70045       | E0I*0973                   | 820130          | 820309     | RLCA QA-OBSERV:<br>FOR EDS, IT COULD NOT BE<br>VERIFIED THAT THE QUALITY<br>ASSURANCE MANAGER CONCURRED<br>WITH THE RESOLUTION OF<br>DISCREPANCIES.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E.  | 100        | 820309        |
| 70046       | E0I*0974                   | 820130          | 820309     | RLCA QA-OBSERV:<br>FOR EDS, IT COULD NOT BE<br>VERIFIED THAT PROJECT<br>PERSONNEL HAD READ THE<br>PROJECT INTERFACE<br>INSTRUCTIONS.                  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E.  | 100        | 820309        |
| 70047       | E0I*0975                   | 820130          | 820309     | RLCA QA-OBSERV:<br>FOR EDS, MEMORANDA WERE USED<br>IN LIEU OF TECHNICAL<br>INSTRUCTIONS.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E.  | 100        | 820309        |



STATUS OF RLCA EOIS

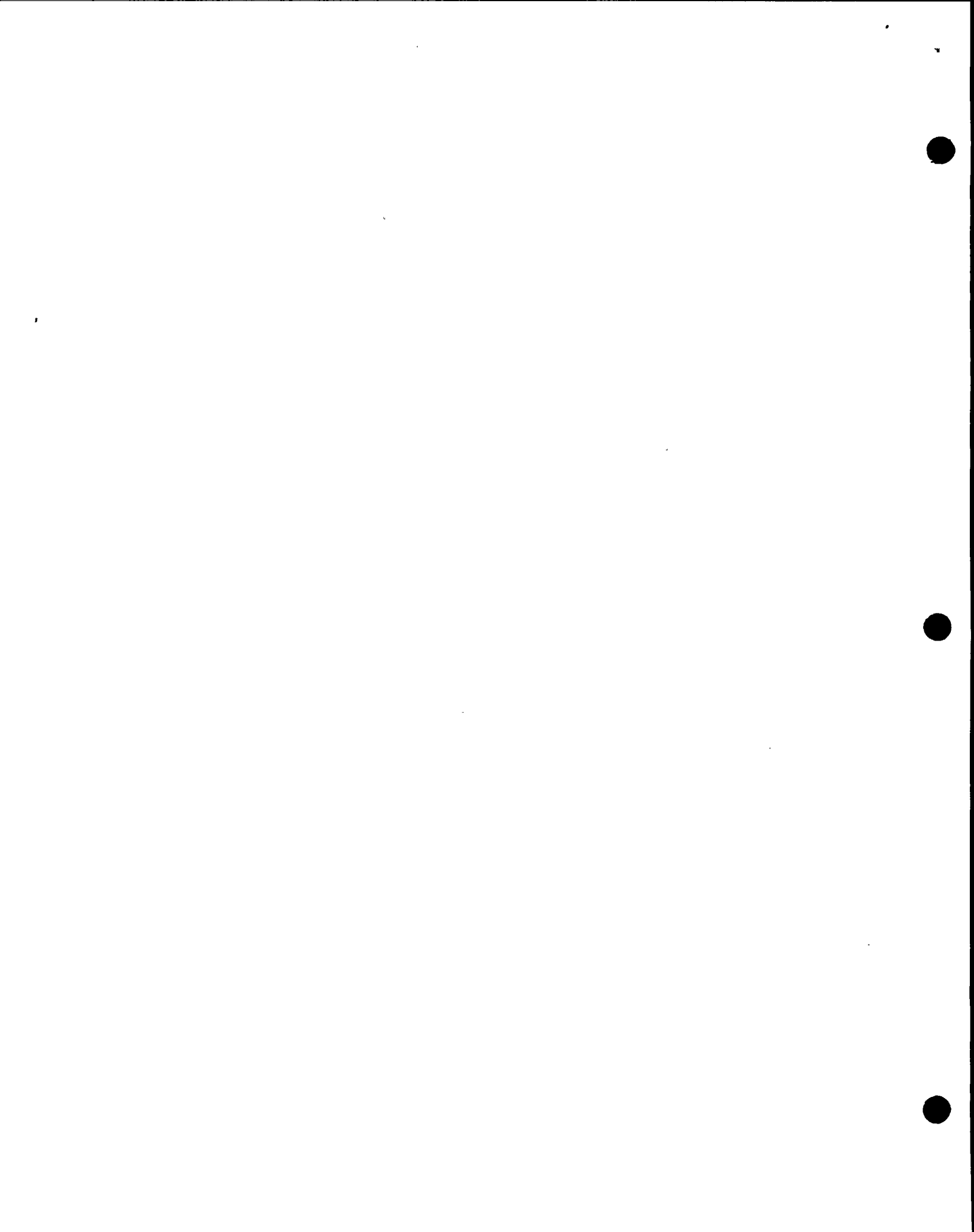
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70048       | E0I*0976                   | 820208          | 820324     | RLCA OPEN ITEM:<br>THE EXTERIOR CONTAINMENT<br>SPECTRA WERE SUPERSEDED BY<br>THE URS/BLUME REPORT ISSUED<br>ON 770605. HOWEVER, NO<br>TRANSMITTAL TO WESTINGHOUSE<br>OF THIS SPECTRA COULD BE<br>LOCATED IN THE PG&E FILES. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>RLCA TO VERIFY<br>TRANSMITTAL OF SPECTRA<br>FROM PG&E TO WESTINGHOUSE.   | 100        | 820324        |
| 70049       | E0I*0977                   | 820208          | 820401     | RLCA OPEN ITEM:<br>PG&E IS PRESENTLY<br>RE-EVALUATING THE STRUCTURAL<br>ADEQUACY OF THE ANNULUS.  | *PG&E ACTION REQUIRED*  | 75         |               |
| 70050       | E0I*0978                   | 820208          | 999999     | RLCA ERROR, A:<br>FOR REGENERATIVE HEAT<br>EXCHANGERS THE VERTICAL<br>SPECTRA INPUT USED BY<br>WESTINGHOUSE WAS TWO-THIRDS<br>OF THE FILTERED RATHER THAN<br>UNFILTERED HORIZONTAL<br>RESPONSE SPECTRA.                     | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION. THIS EQUIPMENT<br>HAS BEEN REQUALIFIED TO THE<br>UNFILTERED SPECTRA.<br>INFORMATION TRANSMITTED TO<br>RLCA.   | 98         |               |
| 70051       | E0I*0979                   | 820208          | 820310     | RLCA OPEN ITEM:<br>OTHER EQUIPMENT IN THE<br>CONTAINMENT STRUCTURE HAS<br>NOT BEEN REVIEWED YET.  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>MOST OF THE EQUIPMENT IN<br>THE CONTAINMENT IS<br>WESTINGHOUSE SUPPLIED. IN<br>ADDITION THE EQUIPMENT<br>LOCATED IN THE ANNULUS AREA<br>IS UNDER SEPARATE<br>SCRUTINY. THE PHASE 4I<br>SAMPLE REPRESENTS A CROSS<br>SECTION OF ALL THE<br>EQUIPMENT. | 100        | 820310        |





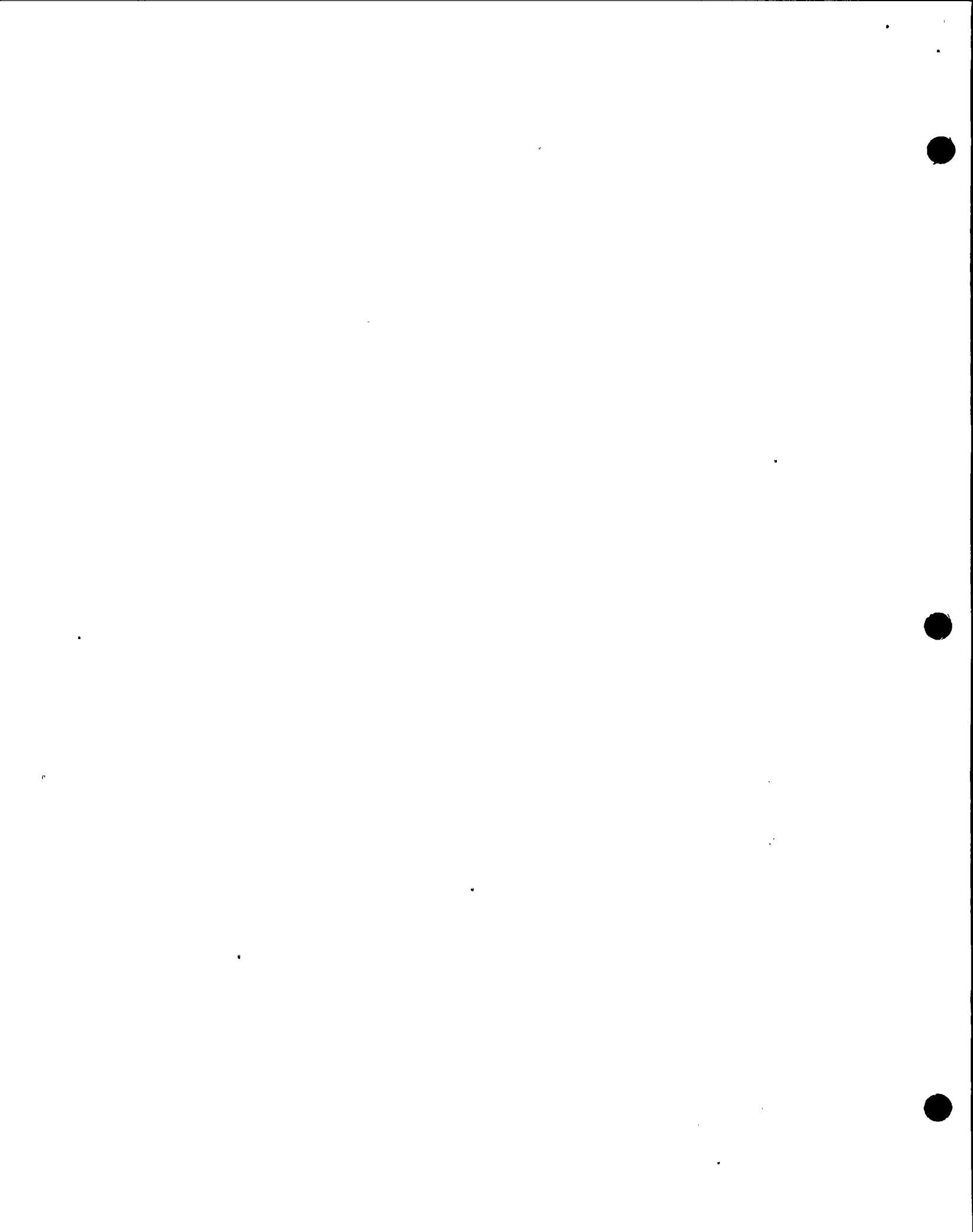
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|-------------|---------------|
| 70052       | EOI*0980                   | 820208          | 820309     | RLCA OPEN ITEM:<br>NO FORMAL DOCUMENTATION HAS<br>BEEN FOUND TO DATE FOR<br>QUALIFICATION OF AUXILIARY<br>SALTWATER PUMP COMPARTMENTS.                  | *CLOSED*<br>RLCA CONCURS WITH PG&E*<br>RESOLUTION: DOCUMENT<br>FOR THE ASW COMPARTMENT<br>DESIGN REVIEW DATED<br>5-2-79 HAS BEEN<br>TRANSMITTED TO RLCA.       | 100         | 820309        |
| 70053       | EOI*0981                   | 820208          | 999999     | RLCA OPEN ITEM:<br>INPUT USED IN THE BURIED<br>PIPELINE QUALIFICATIONS WILL<br>BE VERIFIED.   | *RLCA ACTION REQUIRED*<br>INFORMATION TRANSMITTED<br>TO RLCA.  | 0           |               |
| 70054       | EOI*0982                   | 820208          | 999999     | RLCA OPEN ITEM:<br>THE DETAIL TRANSMITTALS FOR<br>THE TURBINE BUILDING HAVE<br>NOT BEEN REVIEWED YET.   | *RLCA ACTION REQUIRED*   | 0           |               |
| 70055       | EOI*0983                   | 820208          | 999999     | RLCA ERROR A:<br>NINE OF THE TWENTY<br>ELECTRICAL RACEWAY SUPPORT<br>SEISMIC CALCULATIONS WERE<br>FOUND TO HAVE BEEN DONE WITH<br>INAPPLICABLE SPECTRA. | *PG&E ACTION REQUIRED*   | 80          |               |
| 70056       | EOI*0984                   | 820208          | 999999     | RLCA OPEN ITEM:<br>INTERFACE PROCEDURES BETWEEN<br>URS/BLUME, PG&E AND THE<br>FIELD WILL BE INVESTIGATED.   | *RLCA ACTION REQUIRED*   | 0           |               |
| 70057       | EOI*0985                   | 820208          | 820305     | RLCA OPEN ITEM:<br>NO DOCUMENTATION OF<br>RESOLUTION OF AUXILIARY BLDG<br>WEIGHTS CONTROVERSY WITH<br>BLUME HAS BEEN FOUND TO<br>DATE.                  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>WEIGHT FOR THE AUX. BLDG<br>AT ELEV. 140 FT IS WITHIN<br>9% OF THE NUMBER USED BY<br>BLUME. | 100         | 820305        |



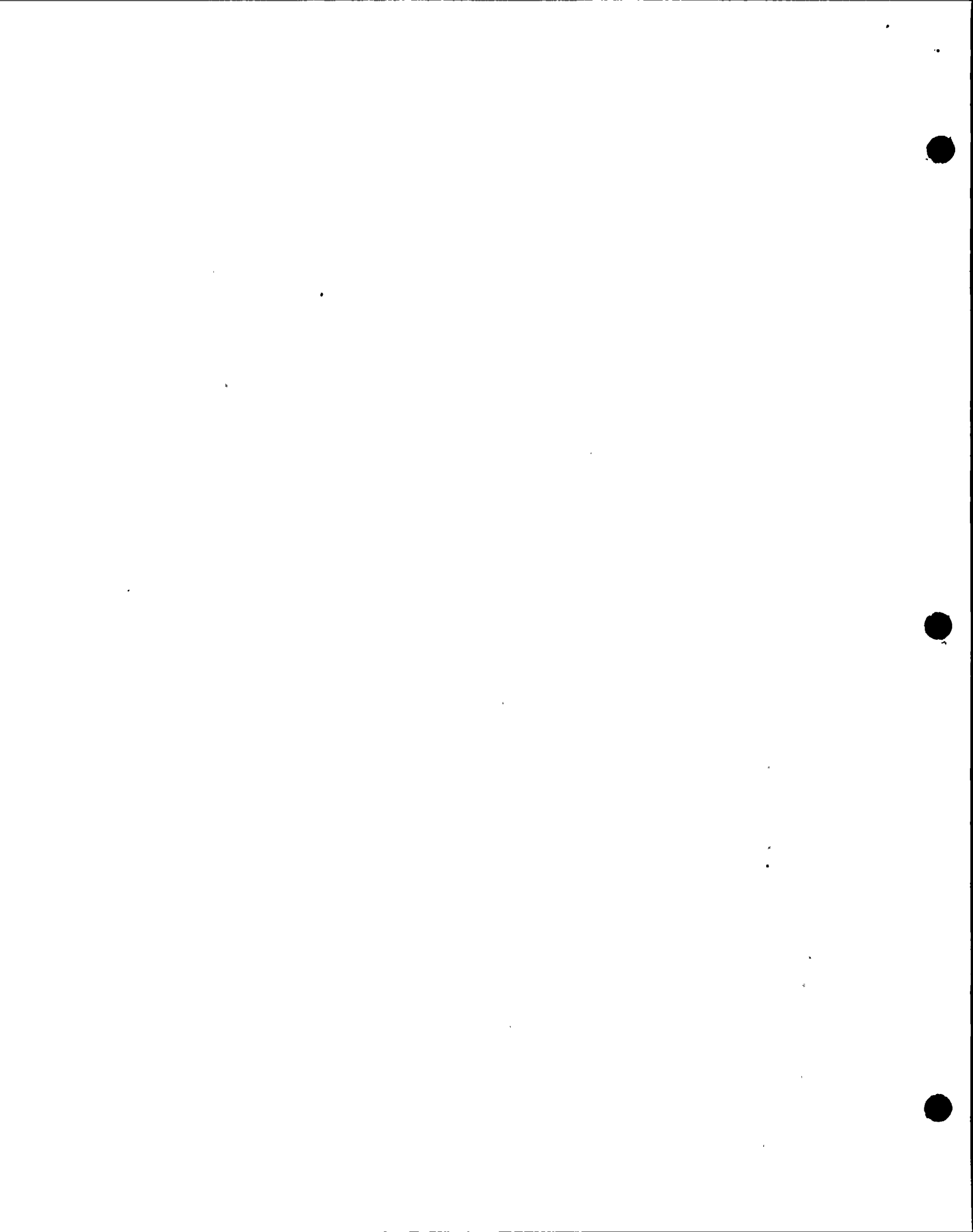
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70058       | EOI*0986                   | 820208          | 999999     | RLCA OPEN ITEM:<br>THE FINAL VERTICAL CONTROL ROOM SPECTRA ARE HIGHER THAN THE PRELIMINARY SPECTRA. A DETAILED REVIEW OF EQUIPMENT QUALIFICATION WILL BE NECESSARY. | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE LATEST URS/BLUME SPECTRA AND CHECK ALL QUALIFICATIONS AGAINST THIS SPECTRA. | 0          |               |
| 70059       | EOI*0987                   | 820208          | 820310     | RLCA OPEN ITEM:<br>A DETAILED REVIEW OF THE SEISMIC ANALYSIS OF THE AUXILIARY BUILDING AND ITS QUALIFICATION SHOULD BE PERFORMED.                                   | *CLOSED*<br>PG&E CONCURS WITH RLCA RESOLUTION (CLOSED ITEM):<br>RLCA TO PERFORM A DETAILED REVIEW OF THE SEISMIC ANALYSIS OF THE AUXILIARY BUILDING.                           | 100        | 820310        |
| 70060       | EOI*0988                   | 820208          | 999999     | RLCA OPEN ITEM:<br>CHECKS ARE REQUIRED TO COMPARE THE AS-BUILT DRAWINGS TO THE DRAWINGS USED IN THE QUALIFICATION OF INTAKE STRUCTURE CRANE.                        | *RLCA ACTION REQUIRED*   | 0          |               |
| 70061       | EOI*0989                   | 820208          | 999999     | RLCA OPEN ITEM:<br>CHECKS ARE REQUIRED TO COMPARE THE AS-BUILT DWGS TO THOSE USED IN THE QUALIFICATION OF TURBINE BUILDING CRANE.                                   | *RLCA ACTION REQUIRED*   | 0          |               |
| 70062       | EOI*0990                   | 820208          | 999999     | RLCA OPEN ITEM:<br>CHECKS NEED TO BE MADE OF THE APPLICABILITY OF DESIGN INFORMATION TRANSMITTED FOR THE FUEL HANDLING BUILDING CRANE.                              | *RLCA ACTION REQUIRED*   | 0          |               |



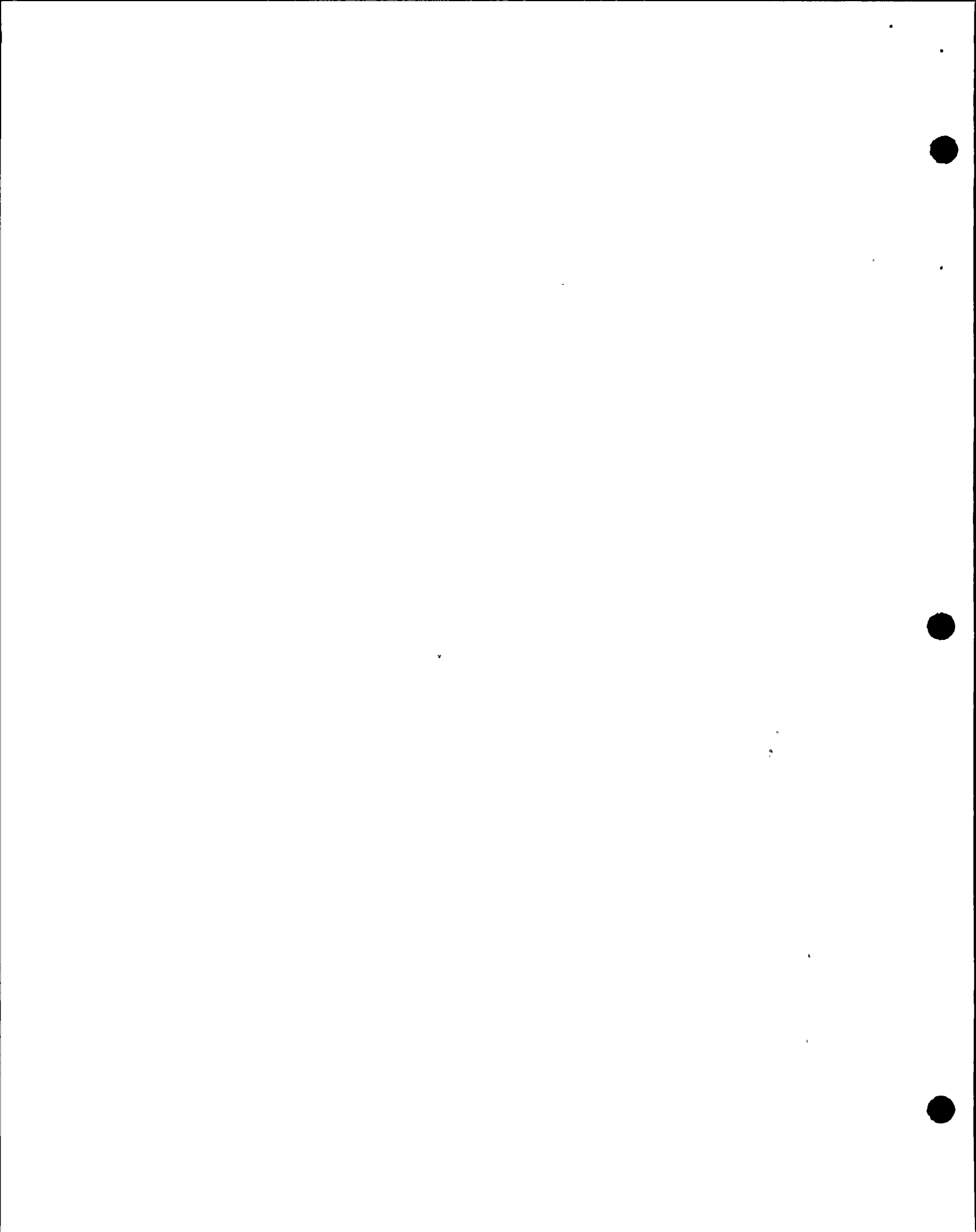
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|--|-------------|---------------|
| 70063       | EOI*0991                   | 820208          | 999999     | RLCA OPEN ITEM:<br>CHECKS WILL BE MADE TO<br>INSURE THAT MODIFICATIONS TO<br>THE FUEL HANDLING BUILDING<br>CRANE WERE DONE.  | *RLCA ACTION REQUIRED*   | 0           |               |
| 70064       | EOI*0992                   | 820208          | 999999     | RLCA OPEN ITEM:<br>THE DESIGN INFORMATION FOR<br>THE OUTDOOR WATER STORAGE<br>TANKS WAS FOUND TO BE<br>TRANSMITTED INFORMALLY.<br>CHECKS ARE REQUIRED TO<br>INSURE ITS ACCURACY. | *RLCA ACTION REQUIRED*   | 0           |               |
| 70065       | EOI*0993                   | 820208          | 999999     | RLCA OPEN ITEM:<br>CHECKS NEED TO BE MADE TO<br>DETERMINE THE ACCURACY OF<br>DESIGN INFORMATION<br>TRANSFERRED FOR THE OUTDOOR<br>WATER STORAGE TANKS.                           | *RLCA ACTION REQUIRED*   | 0           |               |
| 70066       | EOI*0994                   | 820208          | 820310     | RLCA OPEN ITEM:<br>EXAMINE THE FORMAL DESIGN<br>GUIDE FOR THE SEISMIC<br>FACTORS USED IN PIPING<br>SYSTEMS WHICH PG&E<br>TRANSMITTED TO THE<br>CONSULTANTS.                      | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I PIPING SAMPLE<br>INCLUDES SEVERAL LINES<br>ANALYSIS BY CONSULTANTS.<br>THIS INTERFACE IS COVERED<br>BY THE INDEPENDENT<br>CALCULATIONS. | 100         | 820310        |



STATUS OF RLCA EOIS

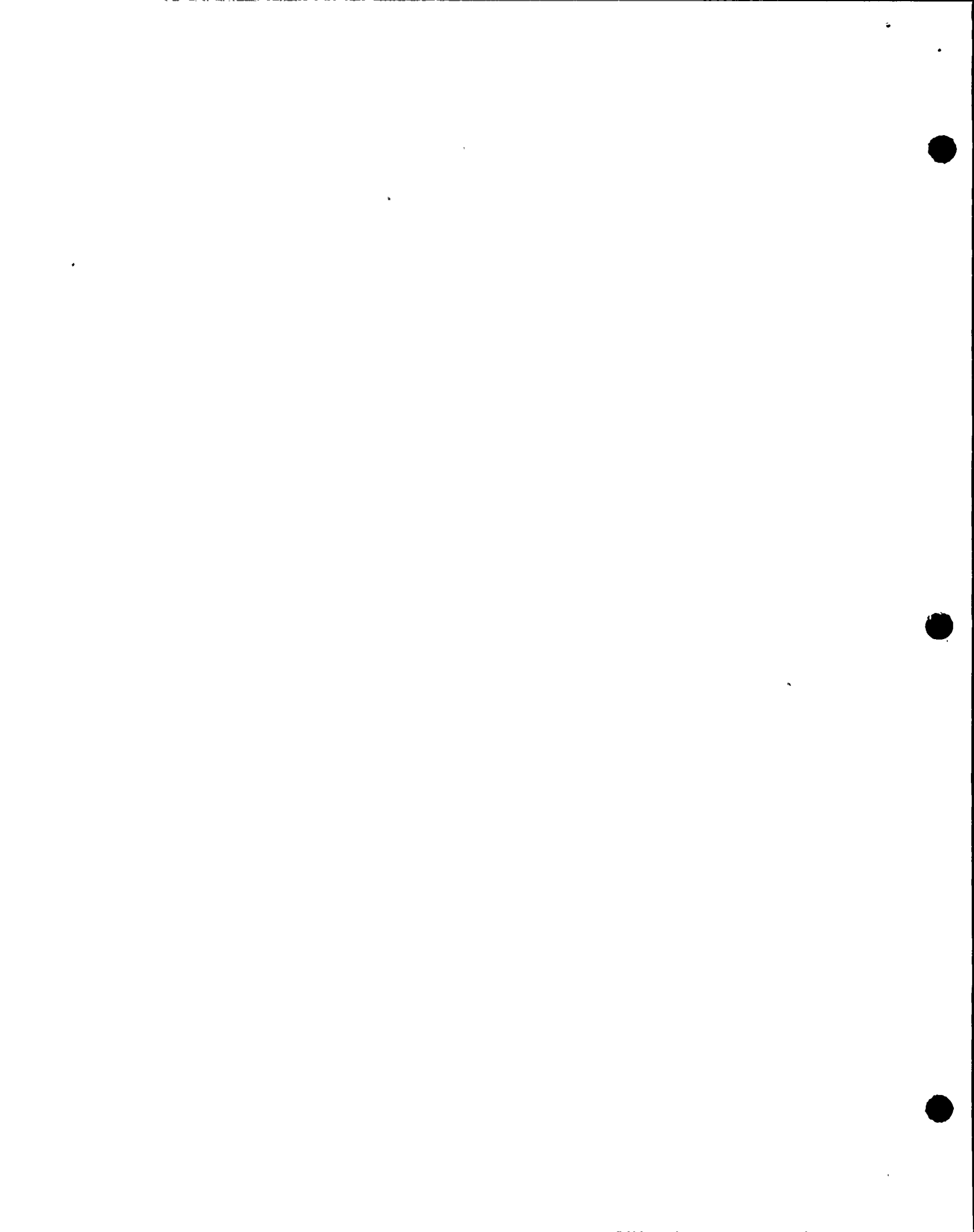
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|-----------|---------------|
| 70067       | EOI*0995                   | 820208          | 820309     | RLCA OPEN ITEM:<br>THE TRANSMITTALS FOR PIPING<br>ANALYSIS APPEAR TO BE IN<br>COMPLETE FORM FOR DOCUMENTS<br>SENT TO EES. THE ONLY<br>PROBLEM IS THAT THE<br>TRANSMITTAL COVER SHEET DOES<br>NOT LIST THE CONTENTS OF THE<br>ENTIRE ATTACHMENT. TO TRACE<br>THE FLOW OF INFORMATION IT<br>WILL BE NECESSARY TO FIND<br>THE CONTENTS OF THE<br>TRANSMITTALS. | *CLOSED*<br>PG&E CONCURS WITH RLCA*<br>RESOLUTION (CLOSED ITEM):<br>RLCA HAS SELECTED SEVERAL<br>EES PIPING ANALYSES. BY<br>COMPARISON OF STRESS<br>RESULTS, THIS INTERFACE<br>WILL BE EXAMINED IN THE<br>CURRENT PROGRAM.   | 100       | 820309        |
| 70068       | EOI*0996                   | 820208          | 999999     | RLCA OPEN ITEM:<br>FOR THE PIPING ASSIGNED TO<br>BLUME, VERY LITTLE<br>CORRESPONDENCE HAS BEEN<br>LOCATED TO DATE.  | *RLCA ACTION REQUIRED*   | 0         |               |
| 70069       | EOI*0997                   | 820208          | 820310     | RLCA OPEN ITEM:<br>TO DATE NO DOCUMENTATION HAS<br>BEEN FOUND CONCERNING<br>TRANSMITTALS OF VALVE<br>INFORMATION FROM PG&E TO<br>EES.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I PROGRAM<br>REQUIRES THAT THE<br>ACCELERATION OF ALL VALVES<br>INCLUDED IN THE 10 PIPING<br>ANALYSES BE EXAMINED.<br>SINCE EES PIPING ANALYSES<br>HAVE BEEN SELECTED AS PART<br>OF THE SAMPLE, THIS ITEM<br>IS CLOSED. | 100       | 820310        |





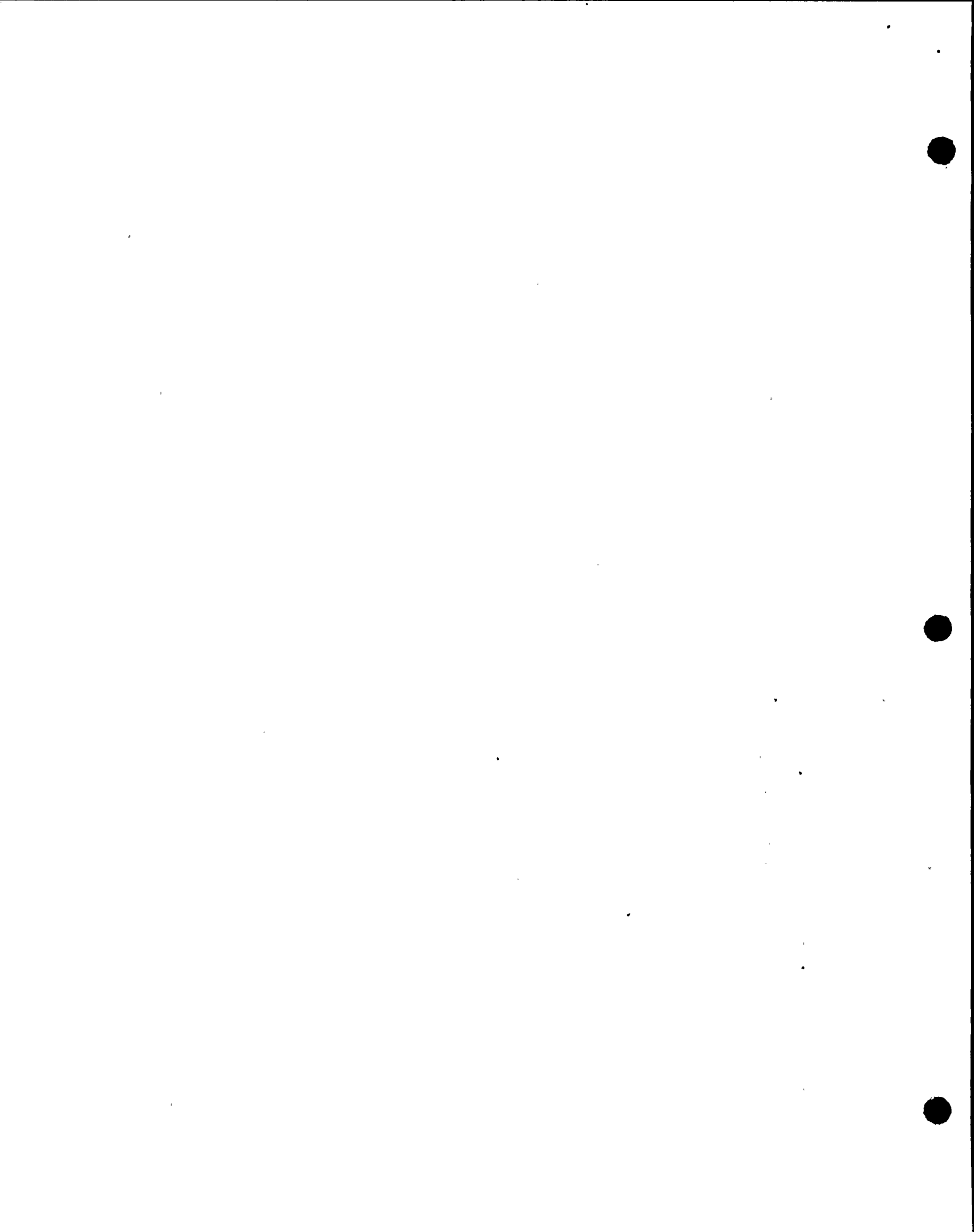
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|------------|---------------|
| 70070       | EOI*0998                   | 820208          | 820310     | RLCA OPEN ITEM<br>COMPLETE DOCUMENTATION OF<br>EDS REQUALIFICATION<br>INFORMATION FOR THE VALVES<br>BEING REVIEWED HAS NOT BEEN<br>COMPILED AT THIS POINT IN<br>TIME.  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>TWO VALVES SELECTED FOR<br>THE INDEPENDENT SAMPLE<br>WERE ANALYZED BY EDS. THE<br>INTERFACE IS BEING<br>COVERED BY THIS SAMPLE.          | 100        | 820310        |
| 70071       | EOI*0999                   | 820208          | 820310     | RLCA OPEN ITEM:<br>A COMPLETE SET OF EDS<br>TRANSMITTALS TO PG&E FOR THE<br>VALVES BEING REVIEWED HAS<br>NOT BEEN COMPILED AS OF THIS<br>DATE.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>TWO VALVES ANALYZED BY EDS<br>HAVE BEEN SELECTED FOR THE<br>PHASE I PROGRAM. THIS<br>INTERFACE IS BEING<br>COVERED.                      | 100        | 820310        |
| 70072       | EOI*1000                   | 820208          | 820310     | RLCA OPEN ITEM:<br>INSUFFICIENT RECORDS HAVE<br>YET BEEN FOUND TO FULLY<br>DOCUMENT INFORMATION FLOW<br>FROM PG&E TO WESTINGHOUSE.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I PROGRAM<br>INCLUDES CHECKING<br>ACCELERATIONS FOR 16<br>WESTINGHOUSE SUPPLIED<br>VALVES. THIS INTERFACE<br>IS BEING COVERED. | 100        | 820310        |
| 70073       | EOI*1001                   | 820208          | 820310     | RLCA OPEN ITEM:<br>WITH THE DOCUMENTATION<br>AVAILABLE TO DATE, NO<br>EVIDENCE WAS FOUND TO<br>INDICATE WHETHER THE VALVE<br>ACCELERATIONS HAVE EVER BEEN<br>VERIFIED AS BEING CORRECT<br>BEFORE BEING TRANSMITTED TO<br>THE VALVE QUALIFIERS. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I PROGRAM<br>PROVIDES FOR THE<br>EXAMINATION OF<br>ACCELERATIONS FOR 28<br>VALVES. THIS INTERFACE<br>IS COVERED.               | 100        | 820310        |



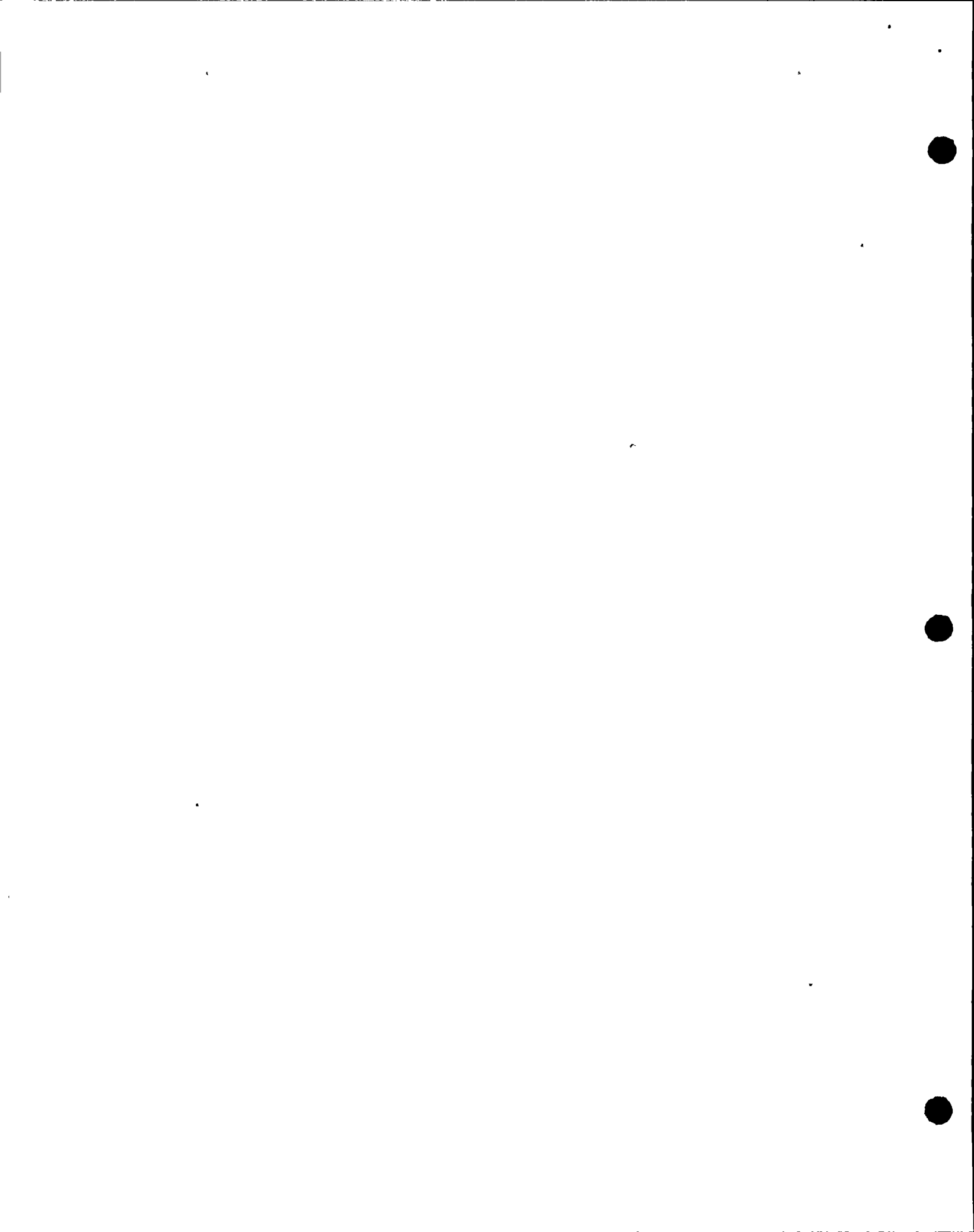
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70074       | EOI*1002                   | 820208          | 999999     | RLCA ERROR B:<br>CALCULATIONS FOR SUPPLY FANS<br>S67,68 AND 69 WERE FOUND TO<br>HAVE USED INCORRECT AND<br>UNCONSERVATIVE SEISMIC<br>INPUTS. IN ADDITION, THE<br>FORCED DRAFT SHUTTER DAMPER<br>QUALIFICATION SHOWED<br>INCORRECT SEISMIC DEFINITION<br>BECAUSE GRAVITY HAS NOT BEEN<br>ADDED.            | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: EDS PREPARED<br>REVISED CALCULATIONS FOR<br>FANS BASED ON THE CORRECT<br>SEISMIC INPUT AND FOUND<br>THE FANS TO BE QUALIFIED.<br>ADDITIONALLY, EDS QUALIFIED<br>DAMPER WITH GRAVITY AND<br>SHOWED DAMPER CAN<br>ADEQUATELY RESIST HOSGRI<br>LOADING. | 0          |               |
| 70075       | EOI*1003                   | 820208          | 999999     | RLCA OPEN ITEM:<br>DUCT SUPPORT QUALIFICATIONS<br>FOR THE 4 KV SWITCHGEAR ROOM<br>HV SYSTEM HAVE NOT BEEN<br>LOCATED AS OF OCTOBER<br>28, 1981.   | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: INFORMATION<br>TRANSMITTED TO RLCA.  | 0          |               |
| 70076       | EOI*1004                   | 820208          | 999999     | RLCA OPEN ITEM:<br>FOR ELECTRICAL EQPT AND<br>INSTRUMENTATION,<br>DOCUMENTATION OF ONE<br>TRANSMITTAL OF SEISMIC<br>INFORMATION FROM PG&E TO<br>WESTINGHOUSE HAS BEEN FOUND<br>TO DATE. THIS TRANSMITTAL<br>IS ONLY FOR CERTAIN<br>ACCELERATIONS FOR THE<br>CONTAINMENT INTERIOR AT<br>CERTAIN ELEVATION. | *RLCA ACTION REQUIRED*<br>PG&E DOES NOT CONCUR<br>WITH RLCA RESOLUTION<br>(DEVIATION).   | 0          |               |



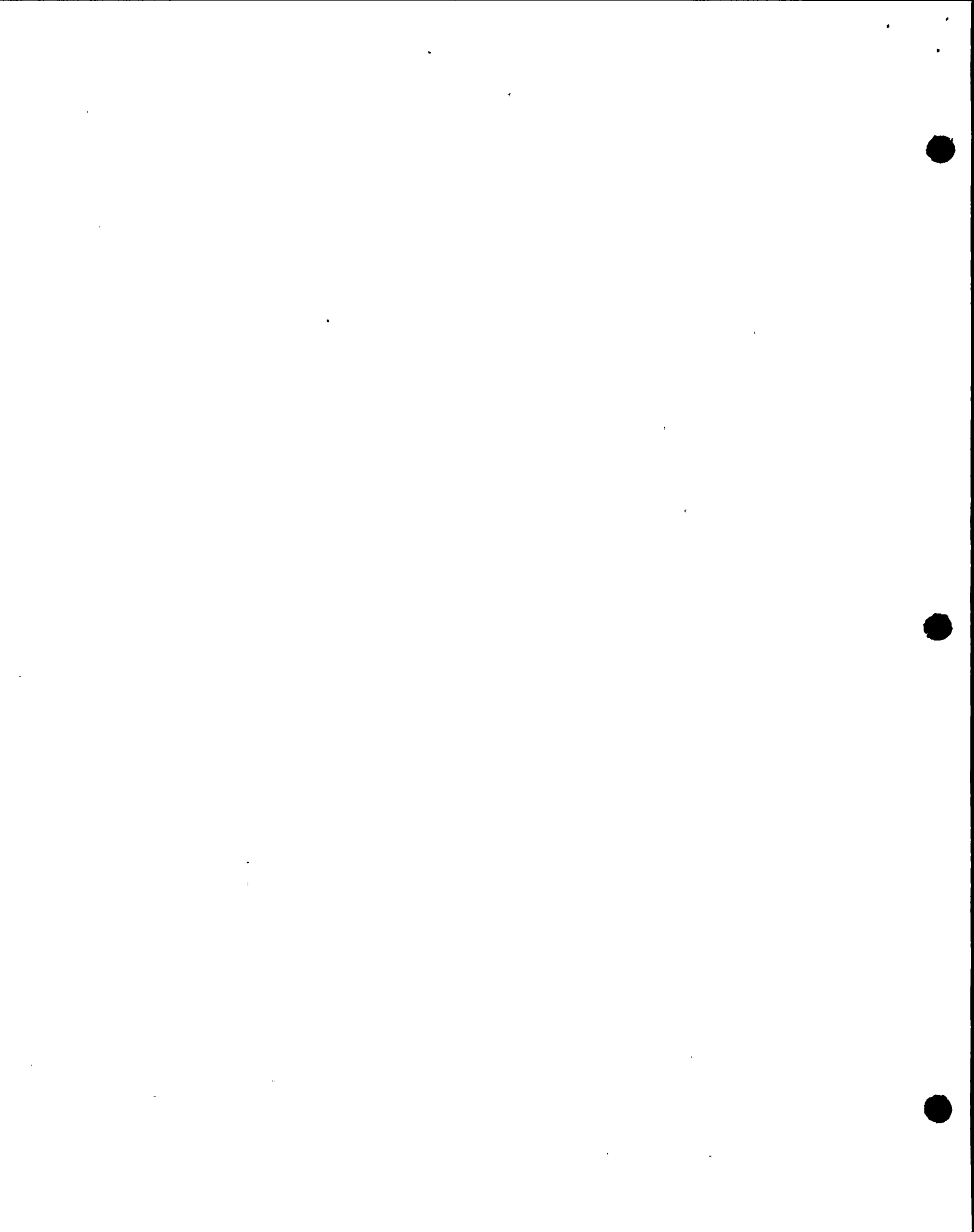
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|-----------|---------------|
| 70077       | EOI*1005                   | 820208          | 820310     | RLCA OPEN ITEM:<br>NO DOCUMENTATION FOR<br>ELECTRICAL EQPT AND INSTR.<br>HAS BEEN FOUND TO DATE<br>REGARDING FORMAL<br>TRANSMITTALS OF SPECTRA<br>FROM PG&E TO WYLE LABS.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>7 GROUPS OF ELECTRICAL<br>EQUIPMENT HAVE BEEN<br>EXAMINED AND 2 EOIS (1013<br>AND 1049) HAVE BEEN<br>ISSUED. INTERFACE HAS<br>BEEN COVERED UNDER CURRENT<br>PROGRAM. | 100       | 820310        |
| 70078       | EOI*1006                   | 820208          | 820310     | RLCA OPEN ITEM:<br>FOR ELECTRICAL AND<br>INSTRUMENTATION EQPT<br>REQUALIFIED BY ANALYSIS. NO<br>INFORMATION HAS BEEN FOUND<br>TO DATE AS TO WHO HAD<br>PERFORMED THESE ANALYSES.  | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I PROGRAM<br>INCLUDES TWO ELECTRICAL<br>CABINETS QUALIFIED BY<br>ANALYSIS.   | 100       | 820310        |
| 70079       | EOI*1007                   | 820208          | 820310     | RLCA OPEN ITEM:<br>SHOULD FURTHER INVESTIGATION<br>OF ELEC. EQPT AND INSTR.<br>FAIL TO UNCOVER RECORDS THAT<br>SATISFACTORILY DOCUMENT THE<br>TRANSFER OF SEISMIC<br>REQUALIFICATION INFORMATION<br>BETWEEN PG&E AND THEIR<br>CONSULTANTS A MORE DETAILED<br>INVESTIGATION WILL BE<br>UNDERTAKEN. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE PHASE I SAMPLE<br>INCLUDES 7 GROUPS OF<br>ELECTRICAL EQUIPMENT<br>QUALIFIED BY CONSULTANT<br>TESTING THIS INTERFACE<br>IS COVERED.                               | 100       | 820310        |
| 70080       | EOI*1008                   | 820208          | 999999     | RLCA OPEN ITEM:<br>THE SPECTRA FOR THE MAIN<br>ANNUNCIATOR CABINET ARE<br>PRELIMINARY.  | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (ERROR-C):<br>PRELIMINARY SPECTRA DIFFER<br>FROM THE HOSGRI REPORT.  | 0         |               |



STATUS OF RLCA EOIS

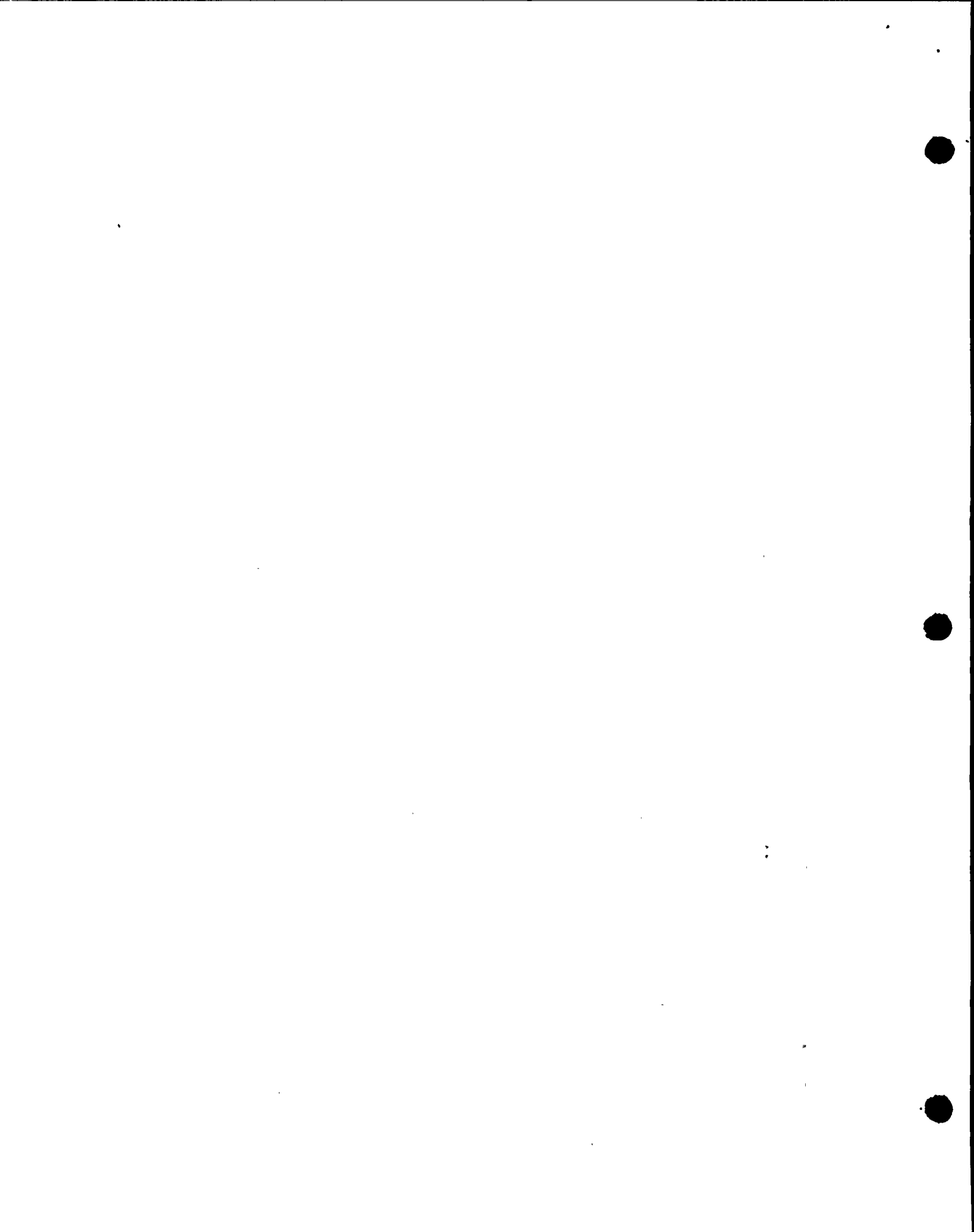
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70081       | EOI*1009                   | 820209          | 820414     | RLCA OPEN ITEM:<br>SPECTRA HAVE NOT BEEN<br>PROVIDED OR SCALING CRITERIA<br>DEFINED FOR SUPPORT<br>LOCATIONS ABOVE ELEVATION<br>140 FEET FOR THE CONTAINMENT<br>INTERIOR. | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE<br>LATEST URS/BLUME SPECTRA<br>AND CHECK ALL<br>QUALIFICATIONS AGAINST<br>THIS SPECTRA.                   | 60         |               |
| 70082       | EOI*1010                   | 820209          | 820420     | RLCA OPEN ITEM:<br>SPECTRA HAVE NOT BEEN<br>PROVIDED OR SCALING CRITERIA<br>DEFINED FOR SUPPORT<br>LOCATIONS ABOVE ELEVATION<br>140 FEET FOR THE TURBINE<br>BUILDING.     | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE<br>LATEST URS/BLUME SPECTRA<br>AND CHECK ALL<br>QUALIFICATION AGAINST<br>THIS SPECTRA.                    | 10         |               |
| 70083       | EOI*1011                   | 820209          | 999999     | RLCA OPEN ITEM:<br>THE HOSGRI SPECTRA FOR THE<br>DIESEL GENERATOR OIL PRIMING<br>TANK ARE PRELIMINARY.  | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PRELIMINARY SPECTRA ARE<br>IDENTICAL TO THE HOSGRI<br>SPECTRA. THE ACCELER-<br>ATIONS USED IN THE<br>CALCULATIONS ARE CORRECT. | 0          |               |
| 70084       | EOI*1012                   | 820209          | 820225     | RLCA OPEN ITEM:<br>THE RLCA CALCULATED RESULTS<br>FOR THE DIESEL GENERATOR OIL<br>PRIMING TANK DIFFER FROM THE<br>PG&E CALCULATED RESULTS BY<br>MORE THAN 15%.            | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (OPEN ITEM):<br>15% CRITERIA IS NOT<br>MEANINGFUL BECAUSE<br>DIFFERENT ANALYSIS<br>TECHNIQUES WERE USED AND<br>RESULTS WERE LESS THAN HALF<br>OF ALLOWABLE.    | 100        | 820225        |





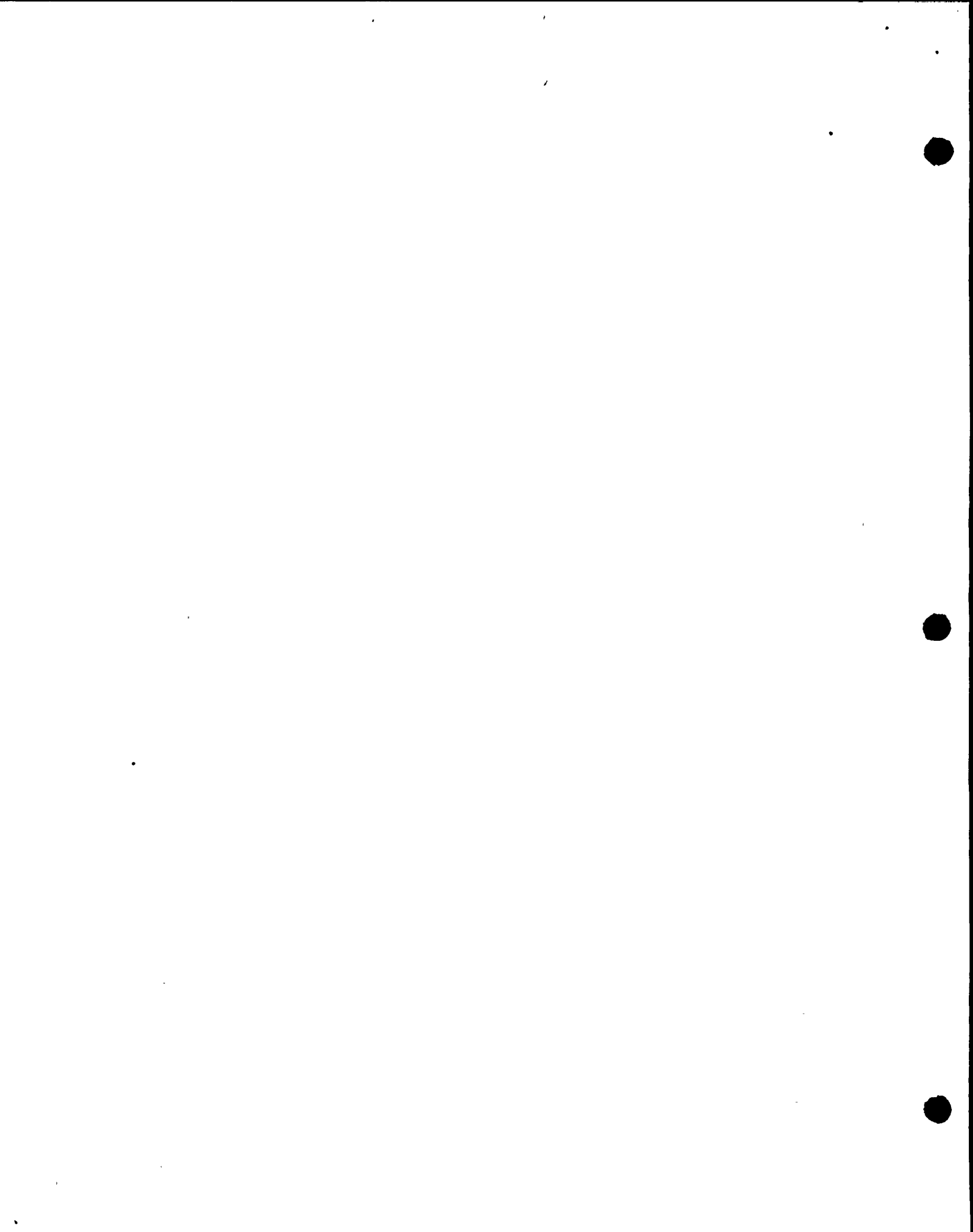
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-------------|---------------|
| 70085       | EOI*1013                   | 820209          | 820430     | RLCA OPEN ITEM:<br>THE TEST RESPONSE SPECTRA<br>USED TO QUALIFY THE GROUP VI<br>ELECTRICAL EQUIPMENT DID NOT<br>ENVELOPE THE REQUIRED HOSGRI<br>RESPONSE SPECTRA.                            | *PG&E ACTION REQUIRED*<br>IT APPEARS THAT THE ACTUAL<br>TEST RESPONSE SPECTRA (AS<br>OPPOSED TO THE SPECTRA<br>REQUIRED FOR THE TEST) DID<br>ENVELOPE THE RRS. THIS IS<br>BEING CONFIRMED.  | 60          |               |
| 70086       | EOI*1014                   | 820209          | 999999     | RLCA OPEN ITEM:<br>SPECTRA HAVE NOT BEEN<br>PROVIDED OF SCALING CRITERIA<br>DEFINED FOR THE PIPE RACK<br>ATTACHED TO THE CONTAINMENT<br>EXTERIOR.  | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE<br>LATEST URS/BLUME SPECTRA<br>AND CHECK ALL<br>QUALIFICATIONS AGAINST<br>THIS SPECTRA.   | 0           |               |
| 70087       | EOI*1015                   | 820211          | 820225     | RLCA ERROR C:<br>THE PG&E QUALIFICATION<br>ANALYSIS FOR THE DIESEL<br>GENERATOR OIL PRIMING TANK<br>SPECIFIED 4% DAMPING.<br>REGULATORY GUIDE 1.61<br>SPECIFIES 3% DAMPING FOR<br>EQUIPMENT. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (ERROR-C):<br>SECTION 5.2.1 OF THE HOSGRI<br>REPORT PERMITS 4% DAMPING<br>FOR COMPONENTS OTHER THAN<br>REACTOR VESSEL INTERNALS.   | 100         | 820225        |
| 70088       | EOI*1016                   | 820211          | 999999     | RLCA OPEN ITEM:<br>THE ANCHOR ALLOWABLES ON<br>PG&E DRAWING DO NOT AGREE<br>WITH THOSE ON DCM.   | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: DCM CRITERIA<br>FOR CLASS I PIPE HANGERS<br>WHICH INSURES COMPLIANCE<br>WITH I&E BULLETIN 79-02.<br>ALL APPLICATIONS USE<br>PG&E STANDARD WHICH IS<br>AN INDUSTRY STANDARD. | 0           |               |



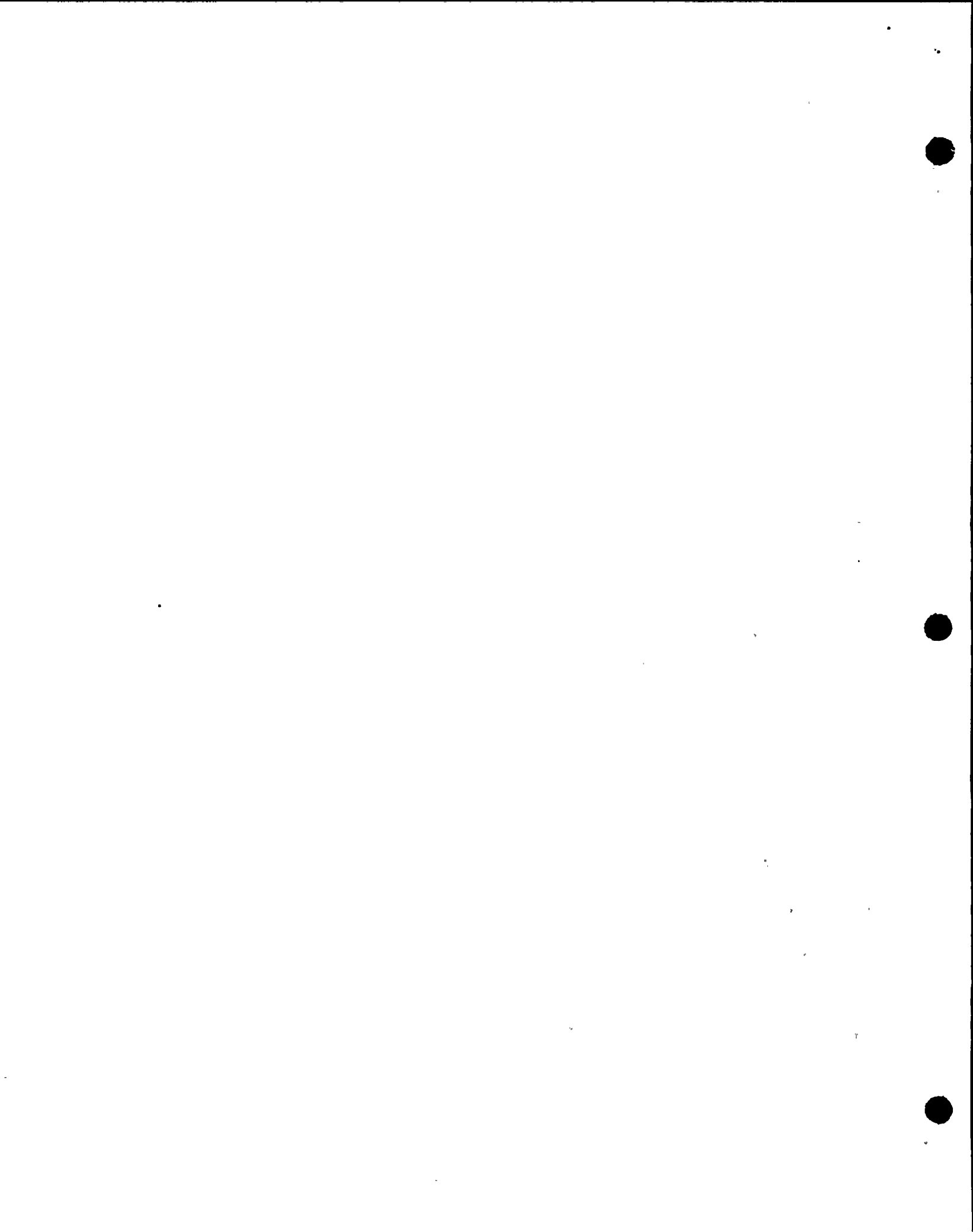
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|--|------------|---------------|
| 70089       | EOI*1017                   | 820211          | 820310     | RLCA ERROR C:<br>THE WEIGHT OF THE SIGHT<br>CLASS LEVEL INDICATOR ON THE<br>DIESEL GENERATOR PRIMING<br>TASK IS INCORRECT.   | *CLOSED*<br>RLCA CONCURS WITH PG&E.<br>RESOLUTION: CALCULATED<br>STRESSES ARE LESS THAN<br>HALF OF ALLOWABLE.<br>DOCUMENTATION OF PG&E<br>ENGINEERING JUDGEMENT ON<br>SIGNIFICANCE OF WEIGHT<br>OMITTED. | 100        | 820310        |
| 70110       | EOI*1018                   | 820218          | 999999     | RLCA OPEN ITEM:<br>THE 2-1/2 INCH CHANNEL<br>SHOWN ON PG&E DRAWING FOR<br>SUPPLY FAN S-31 IS SHOWN AS<br>A 4 INCH CHANNEL IN BOTH THE<br>BUFFALO FORGE AND EDS<br>NUCLEAR CALCULATIONS.                  | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: FIELD<br>INVESTIGATION SHOWS THAT<br>EXTERIOR FAN HOUSING<br>BRACING AROUND INLET<br>VANES IS 4 INCH CHANNEL.                          | 0          |               |
| 70090       | EOI*1019                   | 820218          | 820319     | RLCA OPEN ITEM:<br>RLCA HAS BEEN UNABLE TO<br>OBTAIN DOCUMENTATION FOR THE<br>CVCS SEPARATOR/STABILIZER<br>SHELL AND SKIRT THICKNESS,<br>NOZZLE DIAMETER AND<br>THICKNESS, AND SUPPORT<br>CONFIGURATION. | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: RLCA RECEIVED<br>DOCUMENTS.  | 100        | 820319        |
| 70091       | EOI*1020                   | 820218          | 999999     | RLCA OPEN ITEM:<br>THE HOSGRI SPECTRA ATTACHED<br>TO THE PG&E ANALYSIS FOR THE<br>AUXILIARY SALTWATER PUMP ARE<br>PRELIMINARY SPECTRA.   | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>THE PRELIMINARY SPECTRA<br>ARE IDENTICAL TO THE<br>HOSGRI SPECTRA.  | 0          |               |



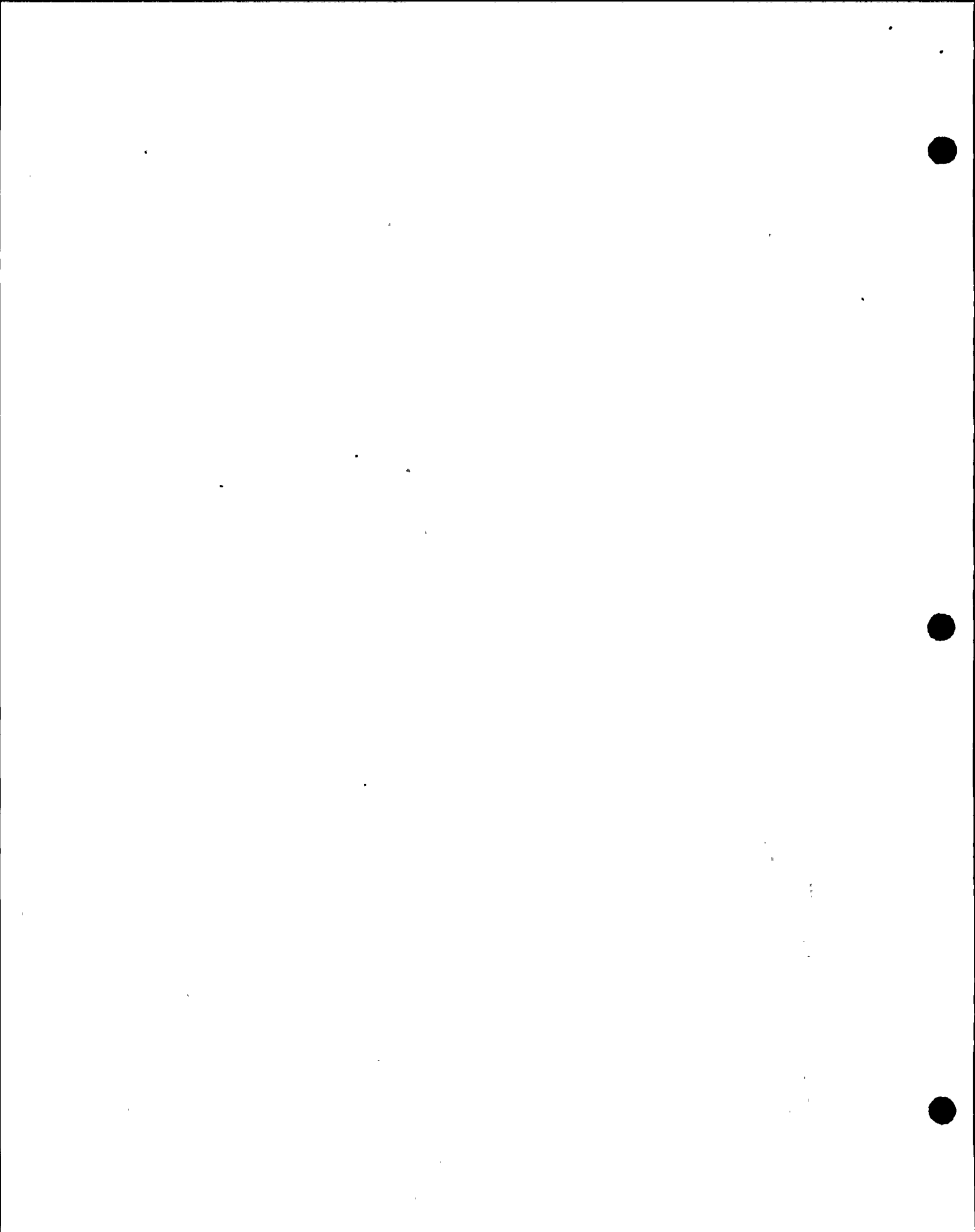
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%<br/>C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-----------------|---------------|
| 70092       | EOI*1021                   | 820218          | 999999     | RLCA OPEN ITEM:<br>PG&E PIPING ANALYSIS NO 4-3<br>REPRESENTS THE COMPONENT<br>COOLING WATER HEAT EXCHANGER<br>AS A RIGID ANCHOR. THE<br>HOSGRI REPORT LISTS NATURAL<br>FREQUENCIES OF 9 HERTZ<br>(HORIZONTAL AND VERTICAL)<br>FOR THIS HEAT EXCHANGER. | *RLCA ACTION REQUIRED*  | 0               |               |
| 70093       | EOI*1022                   | 820218          | 999999     | RLCA OPEN ITEM:<br>THE UPPER AUXILIARY SALT<br>WATER PUMP SUPPORT IS<br>LOCATED 10 FEET ABOVE<br>ELEV.-2.1 FEET. SPECTRA<br>APPLICABLE AT -2.1 FEET WERE<br>USED AS INPUT FOR THE UPPER<br>PUMP SUPPORT.   | *PG&E ACTION REQUIRED*<br>PG&E AWAITING CORRECT<br>SPECTRA.   | 0               |               |
| 70094       | EOI*1023                   | 820219          | 820331     | RLCA OPEN ITEM:<br>INFORMATION CONCERNING A 3<br>INCH VELAN VALVE IN THE RLCA<br>PIPING ANALYSIS IS NOT<br>AVAILABLE.  | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO CHECK THE<br>DOCUMENTATION ON ALL<br>VALVES. | 0               |               |
| 70095       | EOI*1024                   | 820220          | 999999     | RLCA OPEN ITEM:<br>PG&E ISOMETRIC SHOWS LINE<br>1917-4 INCH RIGIDLY<br>RESTRAINED BY A SUPPORT<br>LABELED 85S-40R. THE<br>QUALIFICATION ANALYSIS SHOWS<br>THIS RESTRAINT TO BE LABELED<br>85S-40V.   | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: THE CORRECT<br>SYMBOL FOR THIS SUPPORT IS<br>85S-40V.               | 0               |               |



STATUS OF RLCA EOIS

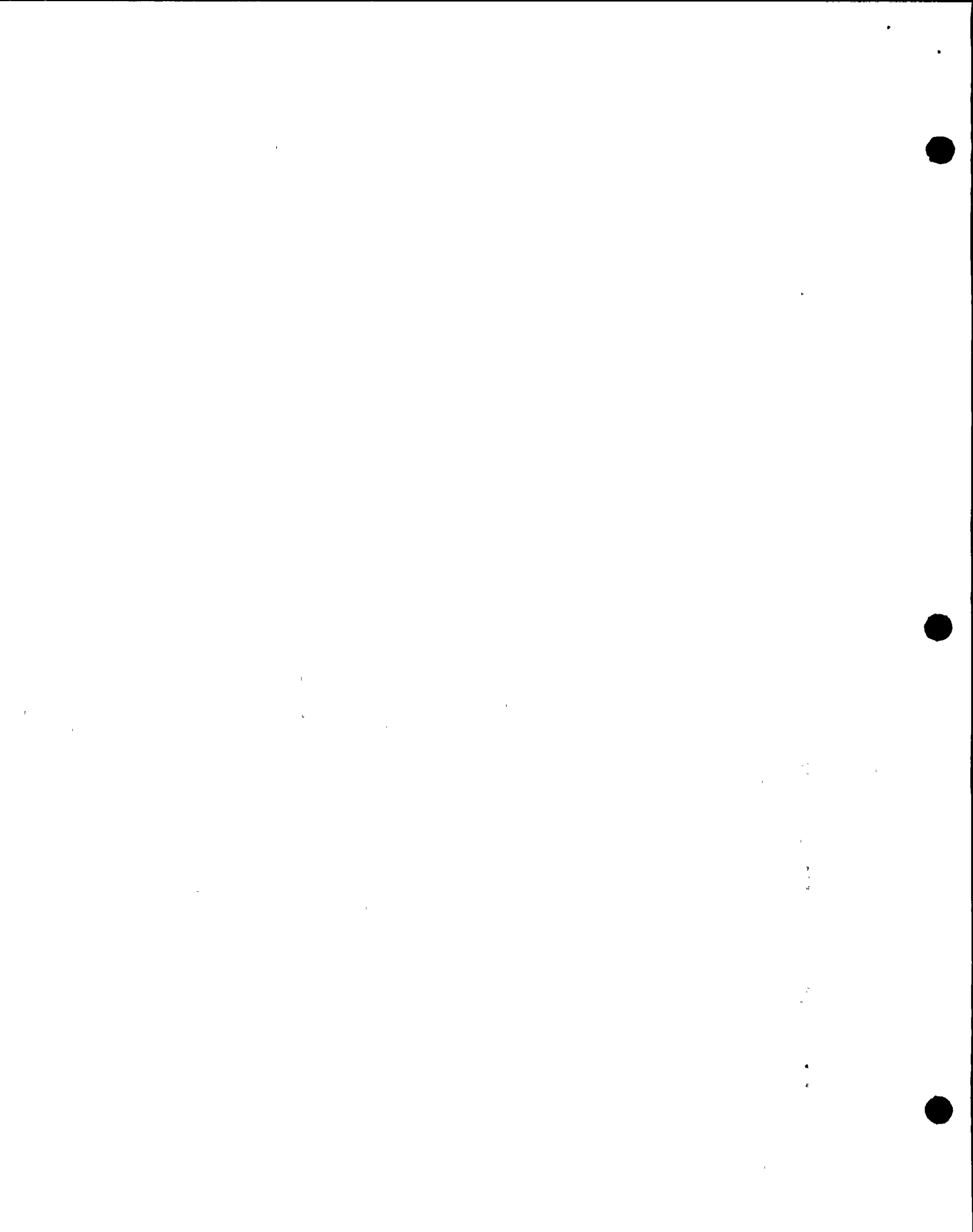
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70096       | EOI*1025                   | 820220          | 820327     | RLCA OPEN ITEM:<br>THE HOSGRI REPORT DOES NOT INCLUDE VERTICAL SPECTRA FOR THE TURBINE BUILDING ELEVATION 104 FEET BENTS 16-20. SPECTRA FOR THE CARDOX TANK SUPPORT MAY NOT BE APPLICABLE FOR THE ENTIRE REGION BENTS 16-20.    | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE LATEST URS/BLUME SPECTRA AND CHECK ALL QUALIFICATIONS AGAINST THIS SPECTRA. | 80         |               |
| 70097       | EOI*1026                   | 820220          | 999999     | RLCA OPEN ITEM:<br>THE HOSGRI REPORT DOES NOT INCLUDE SPECTRA FOR SEVERAL AREAS OF THE TURBINE BUILDING THAT SUPPORT CLASS I ELECTRICAL CONDUIT. THE MARCH 1980 BLUME TURBINE BUILDING REPORT CONTAINS SPECTRA FOR THESE AREAS. | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA RESOLUTION (DEVIATION):<br>PG&E TO ASSEMBLE THE LATEST URS/BLUME SPECTRA AND CHECK ALL QUALIFICATIONS AGAINST THIS SPECTRA. | 0          |               |
| 70111       | EOI*1027                   | 820225          | 999999     | RLCA OPEN ITEM:<br>FIGURE 4-166 IN THE HOSGRI REPORT SHOWS THAT THE FUEL HANDLING CRANE SUPPORT STRUCTURE TO HAVE SLOTTED BOLT HOLES. PG&E DRAWING DOES NOT SHOW THE SLOTTED BOLT HOLES.  | *PG&E ACTION REQUIRED*   | 10         |               |
| 70112       | EOI*1028                   | 820225          | 820417     | RLCA OPEN ITEM:<br>THE BLUME AUX. BLDG REPORT SPECIFY A METHODOLOGY FOR CALCULATING THE HORIZONTAL ACCELERATION DIFFERS FROM THE HOSGRI REPORT.   | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA RESOLUTION (DEVIATION):<br>PG&E TO CLEARLY DEFINE METHOD FOR COMBINING TORSION.   | 30         |               |





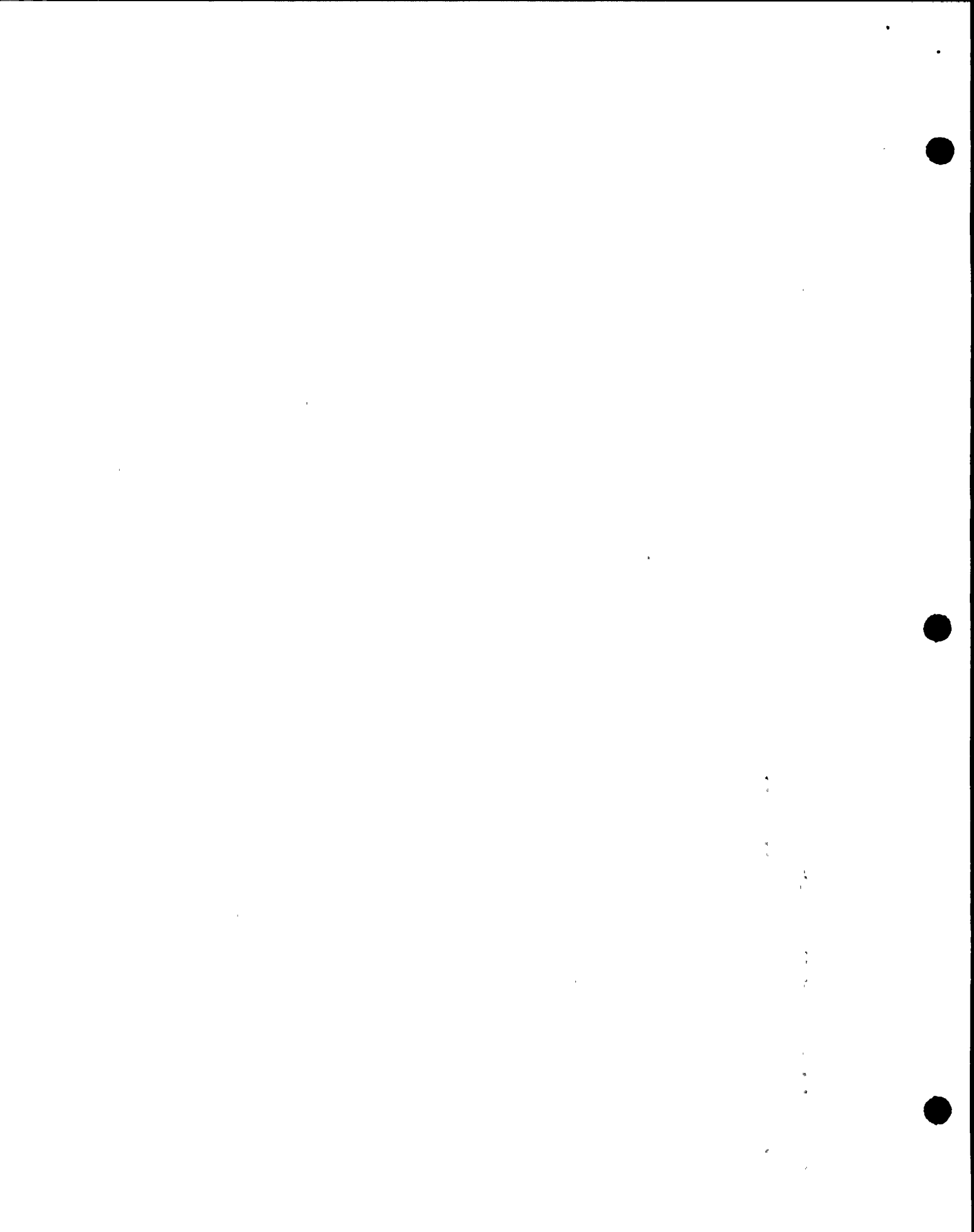
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-------------|---------------|
| 70113       | EOI*1029                   | 820225          | 820415     | RLCA OPEN ITEM:<br>THE RLCA CALCULATED RESULTS<br>FOR THE DYNAMIC MODEL<br>PROPERTIES DIFFER FROM THE<br>BLUME CALCULATED RESULTS BY<br>MORE THAN 15 PERCENT.  | *PG&E ACTION REQUIRED*  | 50          |               |
| 70114       | EOI*1030 REV-0             | 820226          | 999999     | RLCA OPEN ITEM:<br>THE BORIC ACID TANK ANALYSIS<br>SHOWED STRESSES DIFFER BY<br>MORE THAN 15 PERCENT AND<br>AREA FORMULA USED BY PG&E<br>WAS INCORRECT, BUCKLING OF<br>TANK SKIRT & SLOSHING LOADS<br>ON THE ROOF WERE NOT<br>EVALUATED YET. | *RLCA ACTION REQUIRED*  | 0           |               |
| 70115       | EOI*1031 REV-0             | 820302          | 999999     | RLCA OPEN ITEM:<br>RLCA HAS BEEN UNABLE TO<br>OBTAIN DOCUMENTATION<br>NECESSARY TO MODEL VALVES<br>FCV-37 AND LCV-115.   | *RLCA ACTION REQUIRED*<br>PG&E DOES NOT CONCUR<br>WITH RLCA RESOLUTION<br>(DEVIATION): RESPONSE<br>TRANSMITTED TO RLCA. | 0           |               |
| 70116       | EOI*1032 REV-0             | 820302          | 999999     | RLCA OPEN ITEM:<br>SUPPORT 73-70R SHOWN ON<br>ISOMETRIC IS DESIGNED AS AN<br>AXIAL SUPPORT, THE SUPPORT<br>IS DESIGNED WITH ZERO<br>CLEARANCE IN ONE HORIZONTAL<br>(WEST) DIRECTION.   | *RLCA ACTION REQUIRED*<br>RLCA TO CONCUR WITH PG&E<br>RESOLUTION: INFORMATION<br>TRANSMITTED TO RLCA.                   | 0           |               |



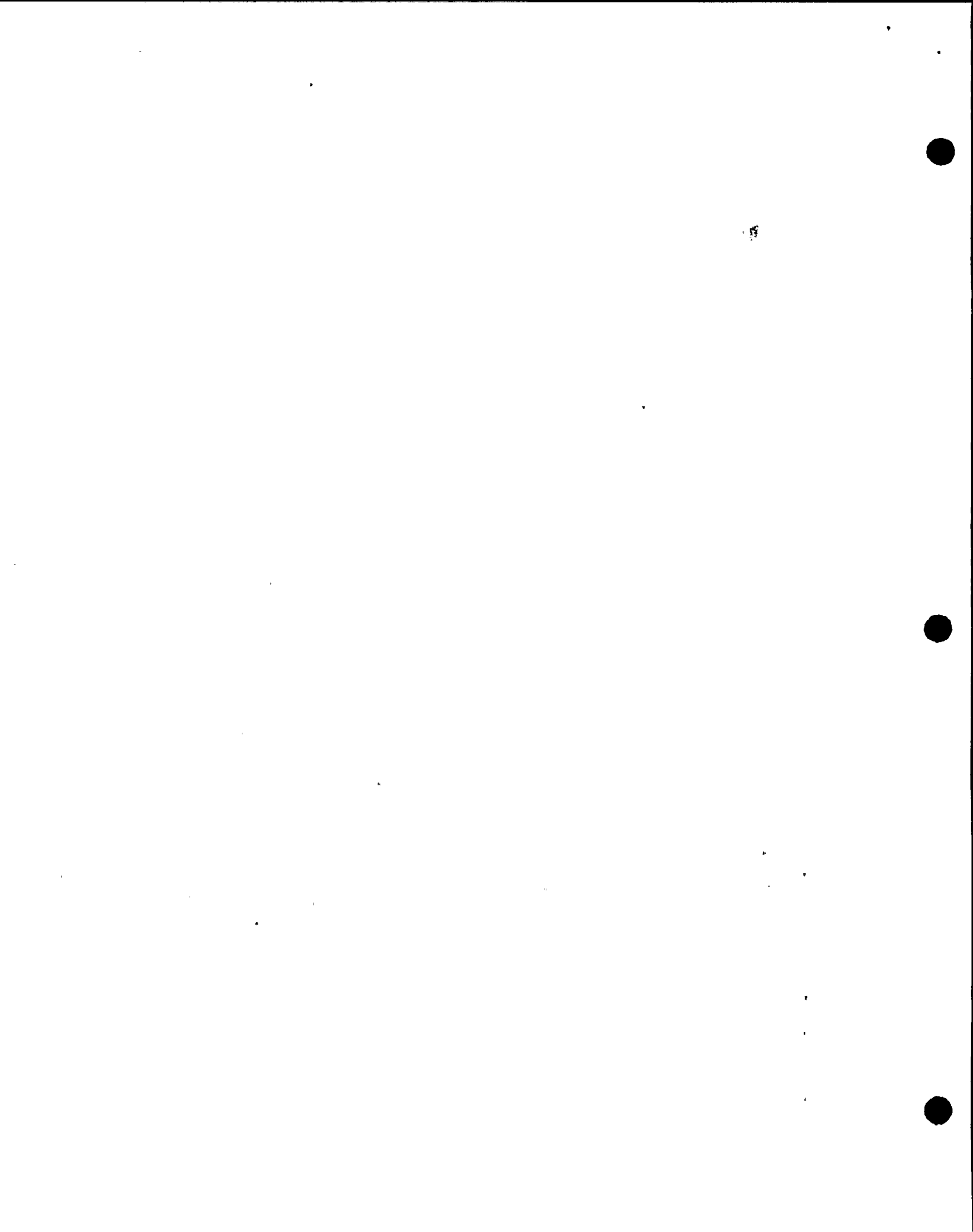
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70117       | EOI*1033 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, OTHER THAN THE<br>BASIC QA INDOCTRINATION AND<br>TRAINING SESSION, THERE WAS<br>NO EVIDENCE OF AUDITOR<br>TRAINING AND QUALIFICATION.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70118       | EOI*1034 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, ALL REVISIONS OF<br>QUALITY ASSURANCE MANUAL<br>WERE NOT FORMALLY<br>TRANSMITTED TO THE PROJECT<br>ENGINEER MANAGER.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70119       | EOI*1035 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, AUDITS WERE NOT<br>TIMELY OR COMPREHENSIVE.<br>ONLY CALCULATIONS AND<br>COMPUTER BINDERS WERE<br>AUDITED.   | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70120       | EOI*1036 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, NO QUALITY<br>ASSURANCE PROCEDURES OTHER<br>THAN THE QUALITY ASSURANCE<br>MANUAL ITSELF WERE DEVELOPED<br>AND IMPLEMENTED.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70121       | EOI*1037 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, FORMAL RECORDS OF<br>THE COMPUTER PROGRAM<br>VERIFICATION OF SAP IV WERE<br>NOT AVAILABLE AND THE<br>VERIFICATION COULD BE<br>CONFIRMED ONLY WITH THE AID<br>OF THE PERSONNEL INVOLVED. | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |



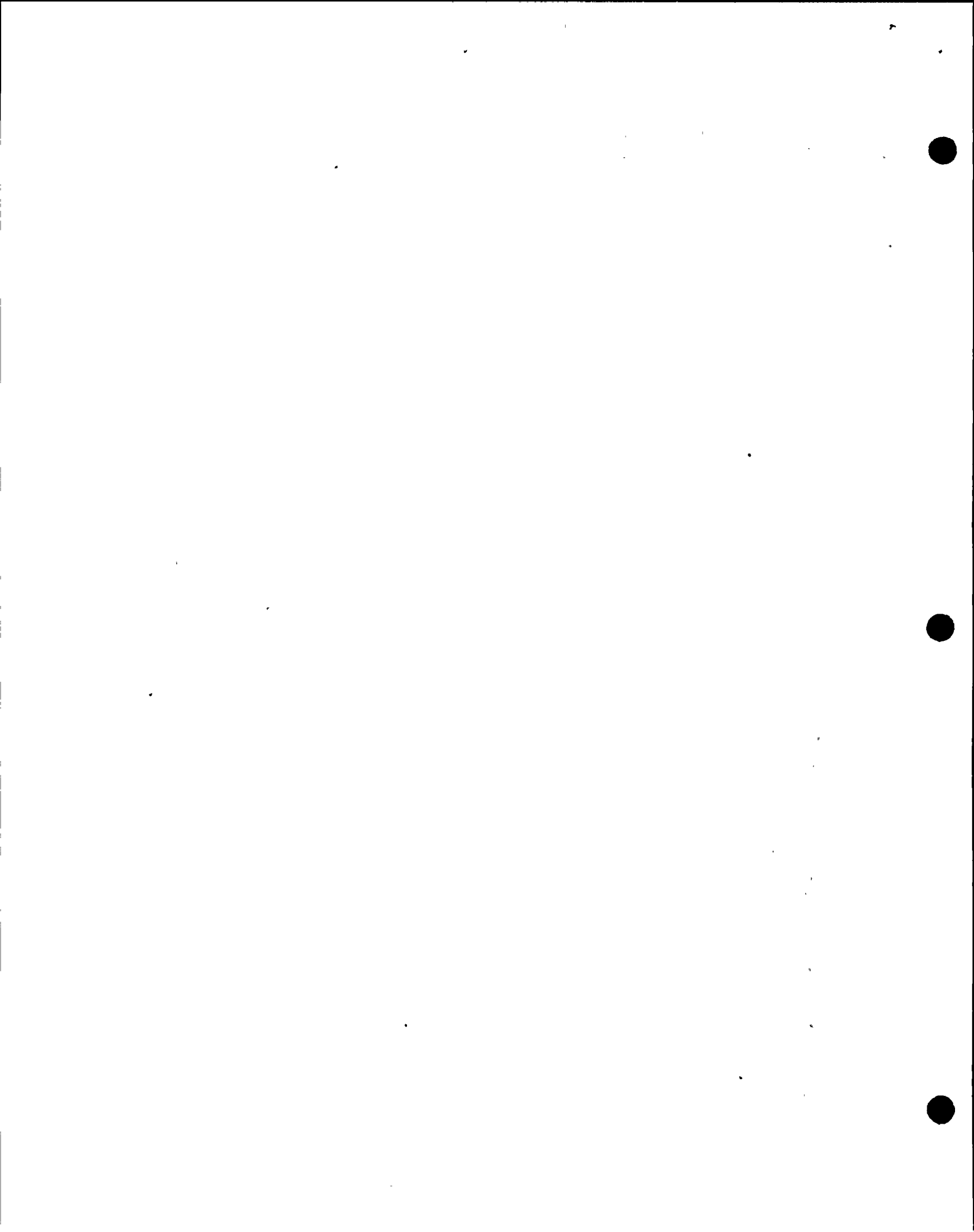
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|------------|---------------|
| 70122       | EOI*1038 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, QUARTERLY<br>MANAGEMENT REVIEW MEETINGS<br>WERE NOT HELD QUARTERLY.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70123       | EOI*1039 REV-0             | 820302          | 820309     | RLCA QA-OBSERV:<br>FOR EES, A PG&E LETTER DATED<br>8-16-76 WAS REFERENCED AS<br>BEING PART OF THE PROJECT<br>CRITERIA BY AN EES MEMO<br>DATED 11-21-77.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: NO CORRECTIVE<br>ACTION REQUIRED BY PG&E. | 100        | 820309        |
| 70124       | EOI*1040 REV-0             | 820302          | 820310     | RLCA QA-FINDINGS:<br>FOR EES, "CONTROLLED" MEMOS<br>WERE NOT ADEQUATELY<br>CONTROLLED AS TO CONTENT AND<br>DISTRIBUTION.   | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION: ADDITIONAL<br>VERIFICATION REQUIRED.      | 100        | 820310        |
| 70125       | EOI*1041 REV-0             | 820302          | 820310     | RLCA QA-FINDINGS:<br>FOR EES, THERE WAS A LACK OF<br>INTERFACE CONTROL REGARDING<br>INPUT FROM PG&E. EES COULD<br>NOT VERIFY THAT ONE PIPE<br>SUPPORT (OUT OF A SAMPLE OF<br>5) HAD EVER BEEN ANALYZED OR<br>DELETED AS A REQUIREMENT. | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION: ADDITIONAL<br>VERIFICATION REQUIRED.      | 100        | 820310        |
| 70126       | EOI*1042 REV-0             | 820302          | 820310     | RLCA QA-FINDINGS:<br>FOR ANCO, A QUALITY<br>ASSURANCE PROGRAM WAS NOT<br>IMPLEMENTED BY ANCO FOR<br>THOSE SEISMIC SAFETY RELATED<br>DESIGN ACTIVITIES THEY<br>PROVIDE TO PG&E FOR THE<br>PRE-JUNE 1978 TIME PERIOD.                    | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION: ADDITIONAL<br>VERIFICATION REQUIRED.      | 100        | 820310        |



STATUS OF RLCA EOIS

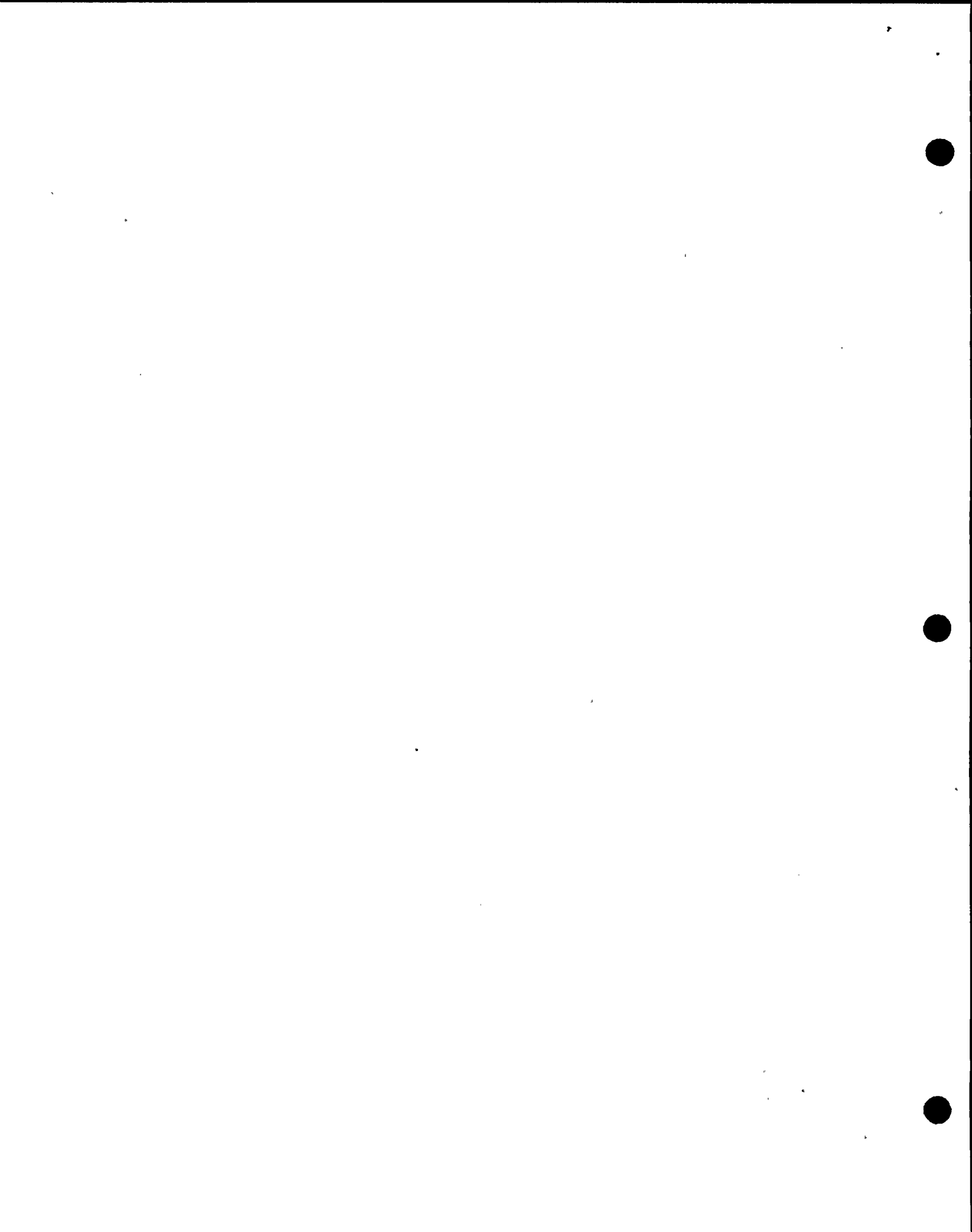
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70129       | EOI*1043 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC SHOWS SUPPORT<br>512/7R ON LINE S6-3674-2<br>AND SUPPORT 512/6R ON LINE<br>S6-1478-2. FIELD INSPECTION<br>SHOWED SUPPORT 512/8R ON<br>LINE S6-3674-2 AND SUPPORT<br>512/7R ON LINE S6-1478-2.  | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO REVIEW ALL<br>"AS-BUILT" DOCUMENTATION<br>OF HANGER LOCATION. | 0          |               |
| 70130       | EOI*1044 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>LINES S6-3674-2, S6-1478-2,<br>S6-3673-2 AND S6-1477-2 ARE<br>SHOWN ON ISOMETRIC TO HAVE NO<br>SUPPORTS. FIELD INSPECTION<br>FOUND THE LINES TO CONTAIN<br>MARKED SUPPORTS WITH THE<br>EXCEPTION OF LINE S6-1478-2<br>WHICH CONTAINED ONE UNMARKED<br>SUPPORT. | *RLCA ACTION REQUIRED*<br>PG&E DOES NOT CONCUR<br>WITH RLCA RESOLUTION<br>(DEVIATION). INFORMATION<br>TRANSMITTED TO RLCA.                             | 0          |               |
| 70131       | EOI*1045 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC SHOWS SUPPORT<br>99/9R TO BE A 'Y', 'Z'<br>RESTRAINT. FIELD INSPECTION<br>SHOWED THIS SUPPORT TO BE AN<br>'X', 'Y', 'Z' RESTRAINT.   | *RLCA ACTION REQUIRED*<br>PG&E DOES NOT CONCUR<br>WITH RLCA RESOLUTION<br>(DEVIATION). INFORMATION<br>TRANSMITTED TO RLCA.                             | 0          |               |
| 70132       | EOI*1046 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>THE DIMENSION BETWEEN<br>SUPPORTS 99/7R LOCATION C<br>AND 99/9R ON LINE S6-52-3<br>IS SHOWN AS 3 FEET 8 INCHES<br>ON ISOMETRIC. FIELD<br>INSPECTION SHOWED THIS<br>DIMENSION TO BE 3 FEET.   | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO REVIEW ALL<br>"AS-BUILT" DIMENSIONING.                        | 0          |               |





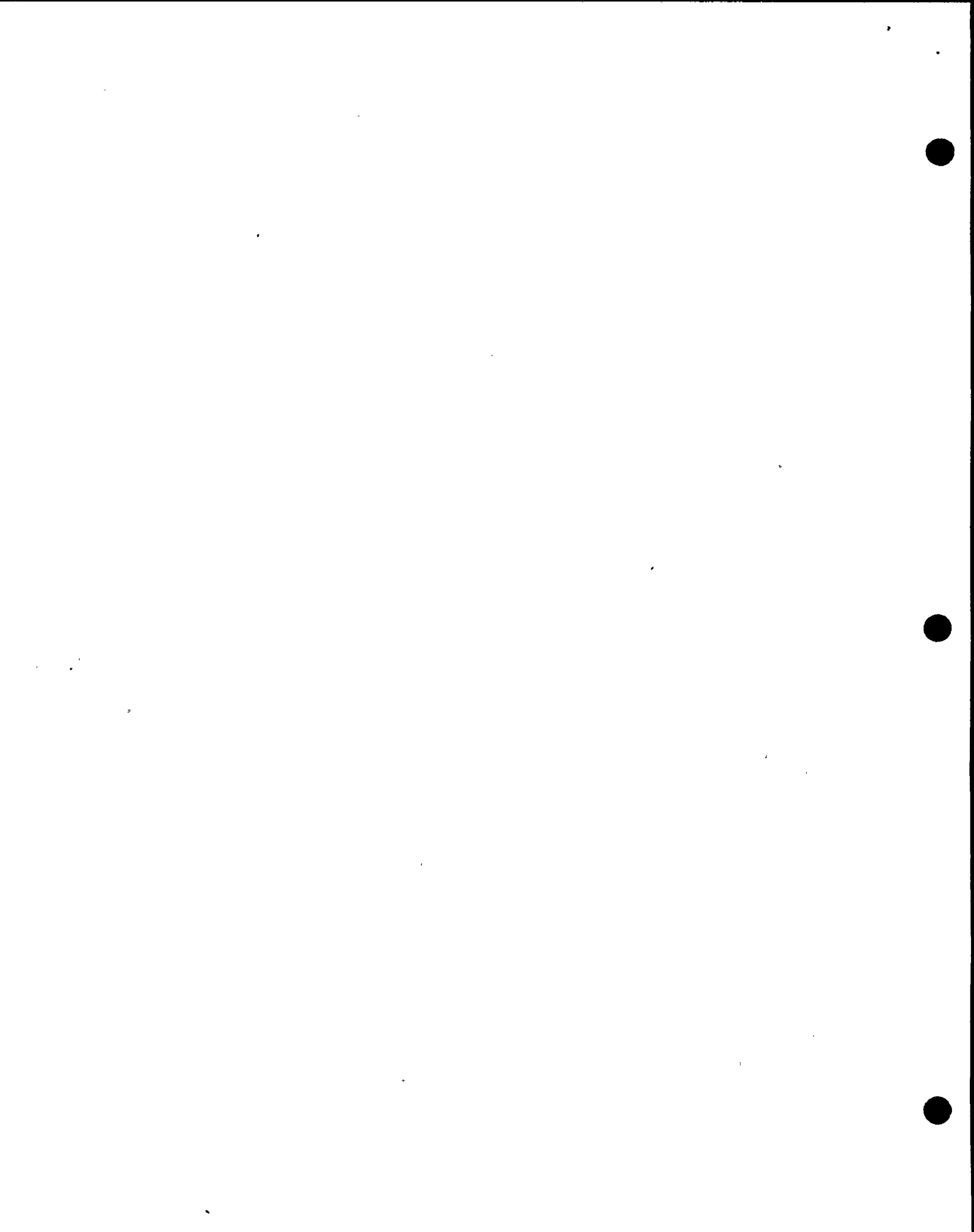
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|---|------------|---------------|
| 70133       | EOI*1047 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>LINES S2-32-2, S2-1550-2,<br>S2-30-2 AND OTHER 2 INCH<br>LINES ARE SHOWN ON ISOMETRIC<br>TO HAVE NO SUPPORTS. FIELD<br>INSPECTION SHOWED THESE LINE<br>SEGMENTS TO HAVE UNTAGGED<br>SUPPORTS.  | *RLCA ACTION REQUIRED*<br>PG&E DOES NOT CONCUR<br>WITH RLCA RESOLUTION<br>(DEVIATION). INFORMATION<br>TRANSMITTED TO RLCA.                      | 0          |               |
| 70134       | EOI*1048 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC SHOWS THE<br>UNRESTRAINED EW PIPE SPAN<br>THROUGH SUPPORT 99/101R TO<br>BE 11 FEET 9 AND 7/8 INCHES.<br>FIELD INSPECTION SHOWED THIS<br>SPAN TO BE 12 FEET 2 INCHES.   | *RLCA ACTION REQUIRED*  | 0          |               |
| 70135       | EOI*1049 REV-0             | 820308          | 820430     | RLCA OPEN ITEM:<br>THE MAIN ANNUNCIATOR<br>TYPEWRITER WAS TESTED AS<br>PART OF GROUP III (WYLE TEST<br>REPORT NUMBER 58255).<br>AUXILIARY BUILDING SPECTRA<br>AT ELEVATION 140 FEET WAS<br>USED AS THE REQUIRED<br>RESPONSE SPECTRA. FIELD<br>INSPECTION SHOWED THAT THE<br>TYPEWRITER IS LOCATED IN THE<br>CONTROL ROOM. | *PG&E ACTION REQUIRED*<br>IT APPEARS THAT THE ACTUAL<br>TEST RESPONSE SPECTRA<br>ENVELOPED THE REQUIRED<br>SPECTRA. THIS IS BEING<br>CONFIRMED. | 50         |               |



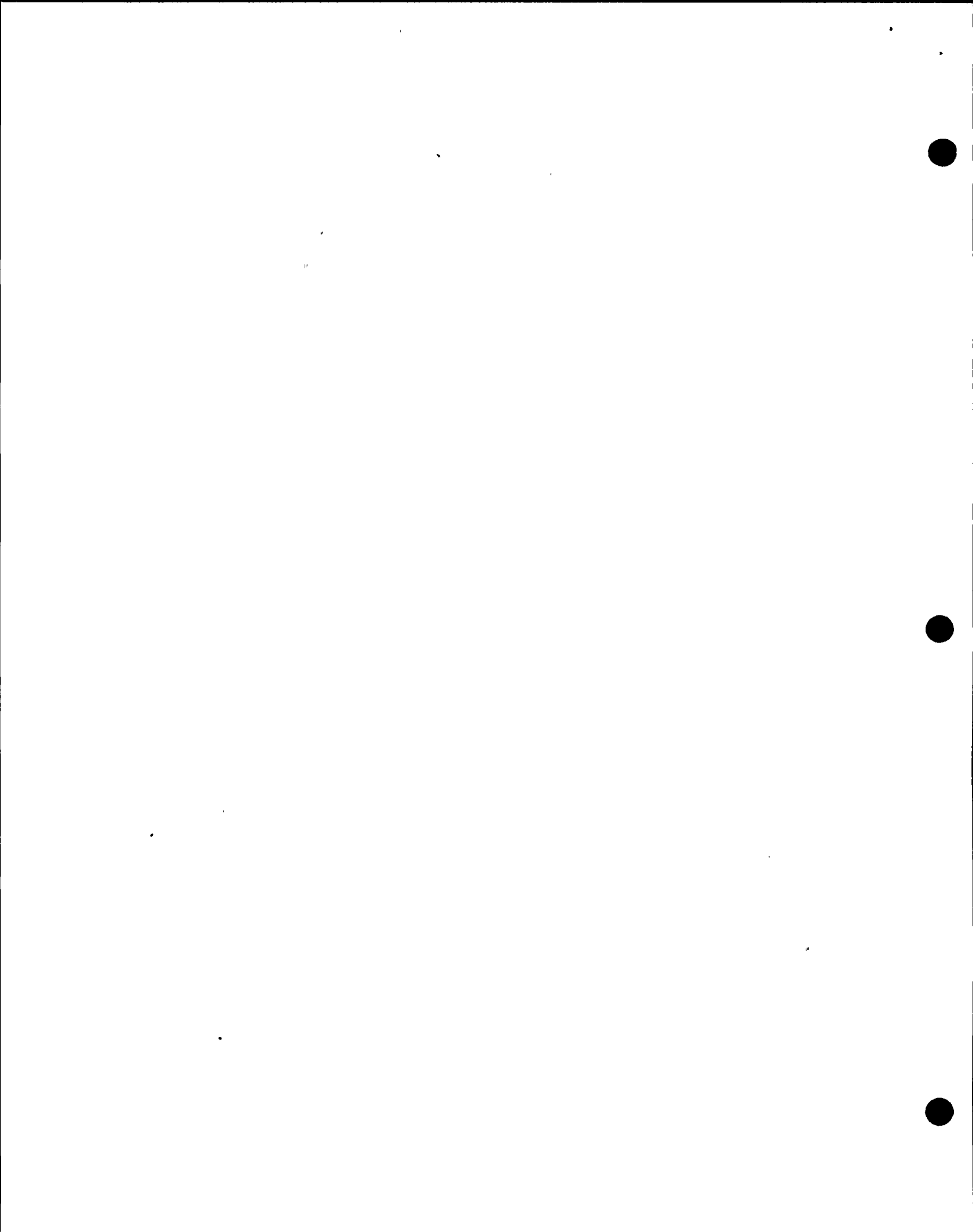
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|------------|---------------|
| 70136       | EOI*1050 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>ISOMETRIC DOES NOT SHOW LINE<br>279-8 TO BE INSULATED BETWEEN<br>VALVE I-9003A AND SUPPORT<br>57S/70V AND BETWEEN SUPPORTS<br>15/1SL AND 56S/30R. FIELD<br>INSPECTION SHOWED THIS LINE<br>TO BE INSULATED IN THE ABOVE<br>SPECIFIED LOCATIONS. | *RLCA ACTION REQUIRED*   | 0          |               |
| 70137       | EOI*1051 REV-0             | 820308          | 999999     | RLCA OPEN ITEM:<br>THE INSULATION SPECIFICATION<br>FOR LINES 264-8 AND 2519-8 IS<br>NIR (NO INSULATION REQUIRED).<br>ISOMETRIC SHOWS THE<br>INSULATION SPECIFICATION FOR<br>THESE LINES TO BE III P<br>(PERSONNEL PROTECTION ONLY).                               | *RLCA ACTION REQUIRED*   | 0          |               |
| 70138       | EOI*1052 REV-0             | 820317          | 820317     | RLCA QA-FINDINGS:<br>INSUFFICIENT OBJECTIVE<br>EVIDENCE WAS SUBMITTED TO THE<br>AUDIT TEAM TO INDICATE THAT<br>WYLE SEISMIC TESTING<br>ACTIVITIES PERFORMED PRIOR<br>TO 12-1-78 WERE IN<br>COMPLIANCE WITH A QA PROGRAM.  | *CLOSED*<br>RLCA CONCURS WITH PG&E<br>RESOLUTION: RLCA TO<br>PERFORM ADDITIONAL<br>VERIFICATION. | 100        | 820317        |



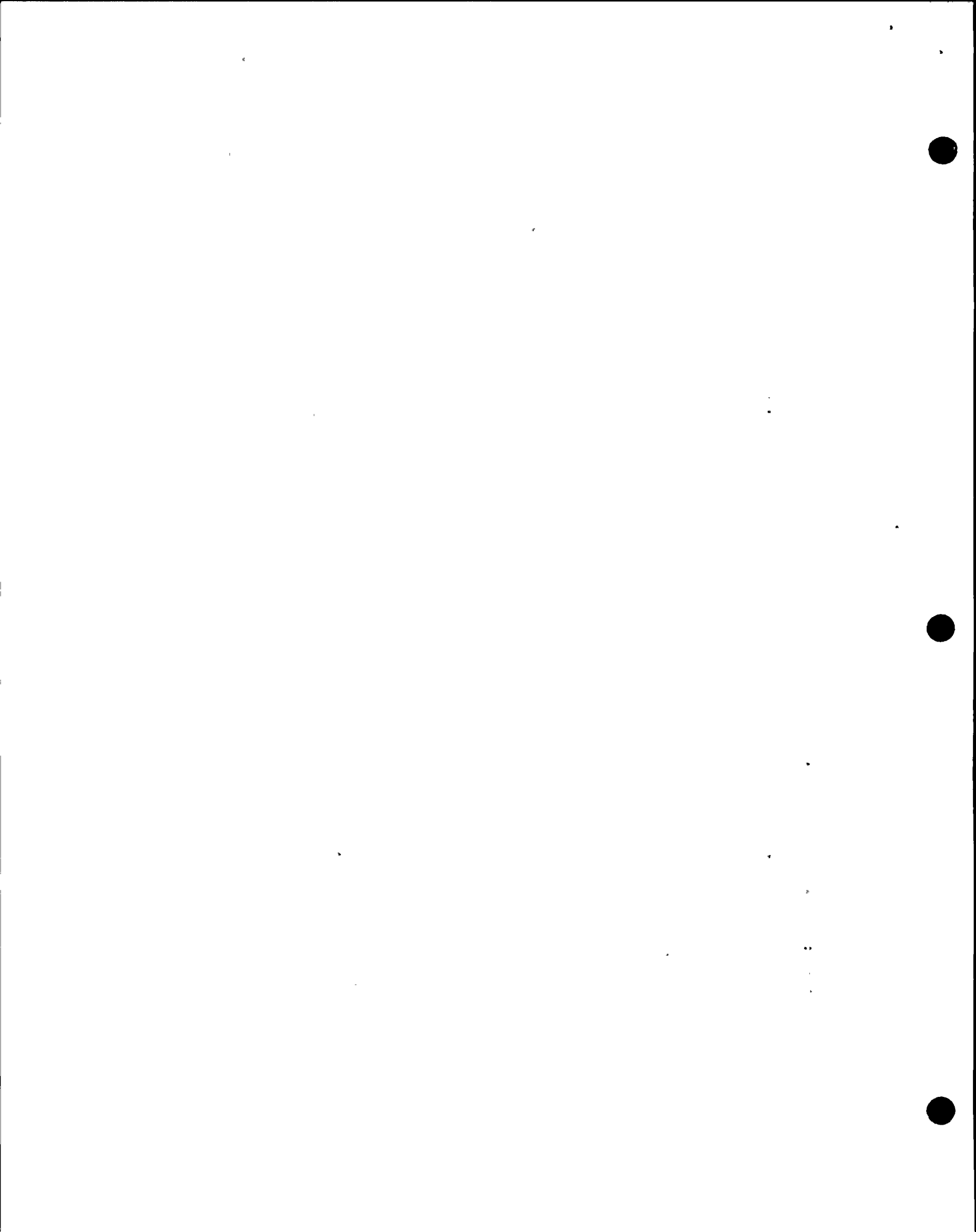
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|--|-----------|---------------|
| 70139       | EOI*1053 REV-0             | 820310          | 820324     | RLCA OPEN ITEM:<br>PG&E QUALIFICATION ANALYSIS<br>OF DIESEL GENERATOR STARTING<br>AIR RECEIVER TANK USES<br>SPECTRA OTHER THAN THOSE<br>CONTAINED IN THE HOSGRI<br>REPORT. ADDITIONALLY, 3%<br>DAMPING WAS SPECIFIED<br>INSTEAD OF 4% AS GIVEN IN<br>THE HOSGRI REPORT. | *CLOSED*<br>PG&E CONCURS WITH RLCA.<br>RESOLUTION (DEVIATION):<br>CURVES ARE IDENTICAL TO<br>THOSE OF HOSGRI REPORT.<br>3% DAMPING IS<br>CONSERVATIVE. | 100       | 820324        |
| 70140       | EOI*1054 REV-0             | 820310          | 999999     | RLCA OPEN ITEM:<br>LACK OF ASME B&PV SECTION<br>VIII CODE CALCULATIONS FOR<br>THE DIESEL GENERATOR<br>STARTING AIR RECEIVER TANK.<br>ADDITIONALLY, RLCA AND PG&E<br>STRESSES DIFFER BY MORE THAN<br>15%, HOWEVER, STRESSES ARE<br>WELL BELOW ALLOWABLES.                | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION. RLCA<br>CALCULATIONS SHOW TANK<br>TO BE ADEQUATE.                                    | 0         |               |
| 70141       | EOI*1055 REV-0             | 820310          | 999999     | RLCA OPEN ITEM:<br>THE CURRENT CONTAINMENT<br>ANNULUS SPECTRA CURVES ARE<br>NOT MARKED WITH UNIQUE<br>IDENTIFICATION NUMBERS.<br>ADDITIONALLY, THE DAMPING<br>VALUES ASSOCIATED WITH THE<br>CURVES ARE NOT MARKED ON<br>EACH FIGURE.                                    | *PG&E ACTION REQUIRED*<br>PG&E TO CONCUR WITH RLCA<br>RESOLUTION (DEVIATION):<br>PG&E TO ASSIGN UNIQUE<br>NUMBERS TO THE HOSGRI<br>SPECTRA CURVES.     | 0         |               |



STATUS OF RLCA EOIS

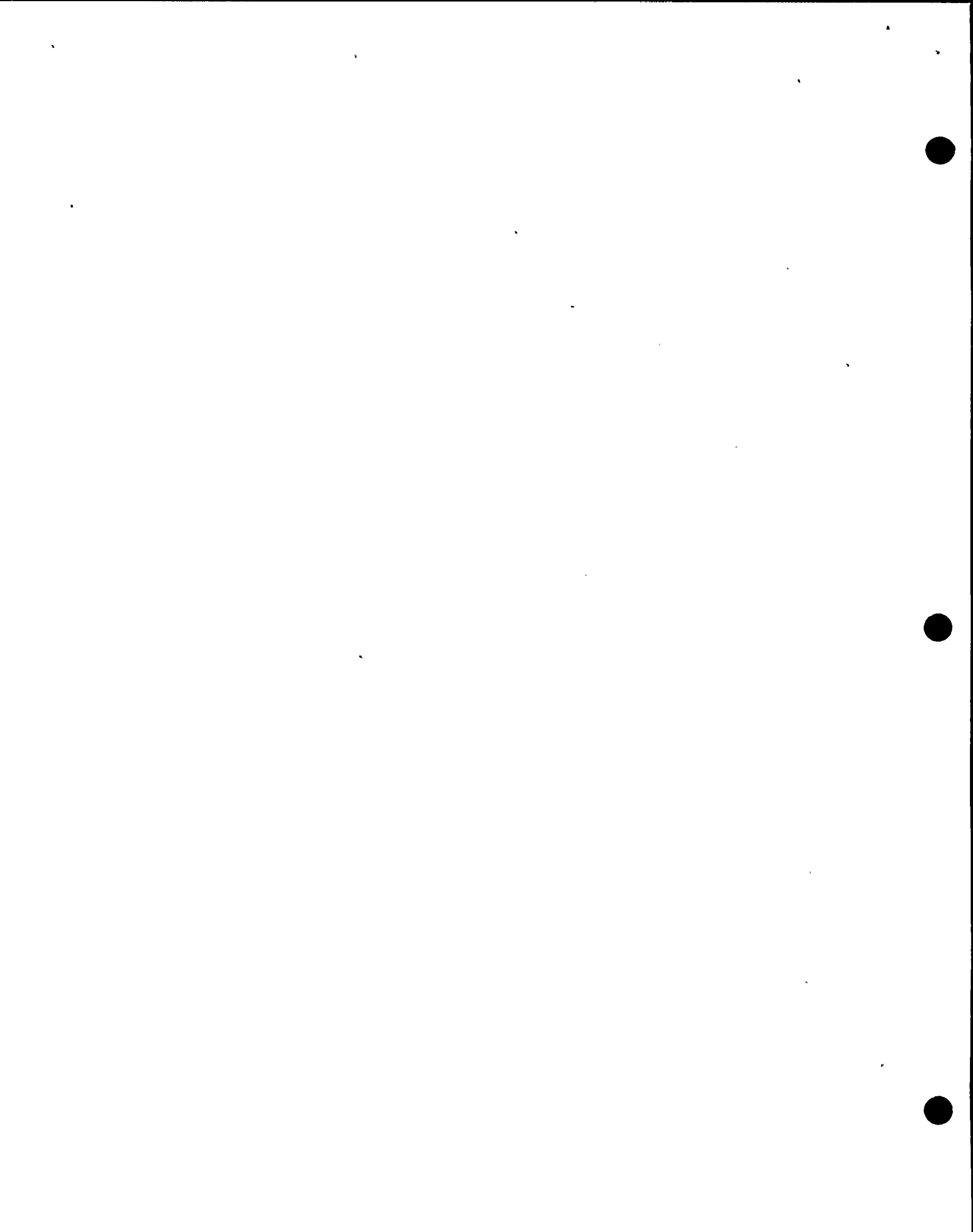
| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>   | <u>A%<u>C</u></u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|---|-------------------|---------------|
| 70142       | EOI*1056 REV-0             | 820310          | 999999     | RLCA OPEN ITEM:<br>NO SIGNATURE ON SEVERAL<br>PG&E CALCULATIONS<br>TRANSMITTED TO RLCA.<br>EXAMPLES: FUEL OIL<br>PRIMING TANK FILE 129.10,<br>BORIC ACID TANK FILE<br>140.051. | *RLCA ACTION REQUIRED*  | 0                 |               |
| 70143       | EOI*1057 REV-1             | 820316          | 820323     | RLCA OPEN ITEM:<br>STRESSES AND SUPPORT LOADS<br>IN THE RLCA PIPING<br>ANALYSIS 106 DIFFER FROM<br>THE PG&E ANALYSIS 4A-5 BY<br>MORE THAN 15%.                                 | *CLOSED*<br>PG&E CONCURS WITH RLCA<br>RESOLUTION (CLOSED ITEM):<br>THE DESIGN ANALYSIS WAS<br>MODELED CORRECTLY AND<br>EXECUTED CORRECTLY ON<br>PIPESD. | 100               | 820323        |
| 70144       | EOI*1058 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>LOAD COMBINATIONS AT SINGLE<br>LUG DESIGN LOCATIONS WERE<br>FOUND TO EXCEED THE<br>ALLOWABLE CRITERIA.  | *RLCA ACTION REQUIRED*  | 0                 |               |
| 70145       | EOI*1059 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>THE PG&E SMALL BORE REPORT<br>NOTED OVERSTRESS IN THE<br>2-1/2 INCH S40 PIPE.   | *RLCA ACTION REQUIRED*  | 0                 |               |
| 70146       | EOI*1060 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>PIPESD AND ADLPIPE CONSIDER<br>MASSES LUMPED AT SUPPORT<br>LOCATIONS IN A DIFFERENT<br>MANNER.  | *RLCA ACTION REQUIRED*  | 0                 |               |





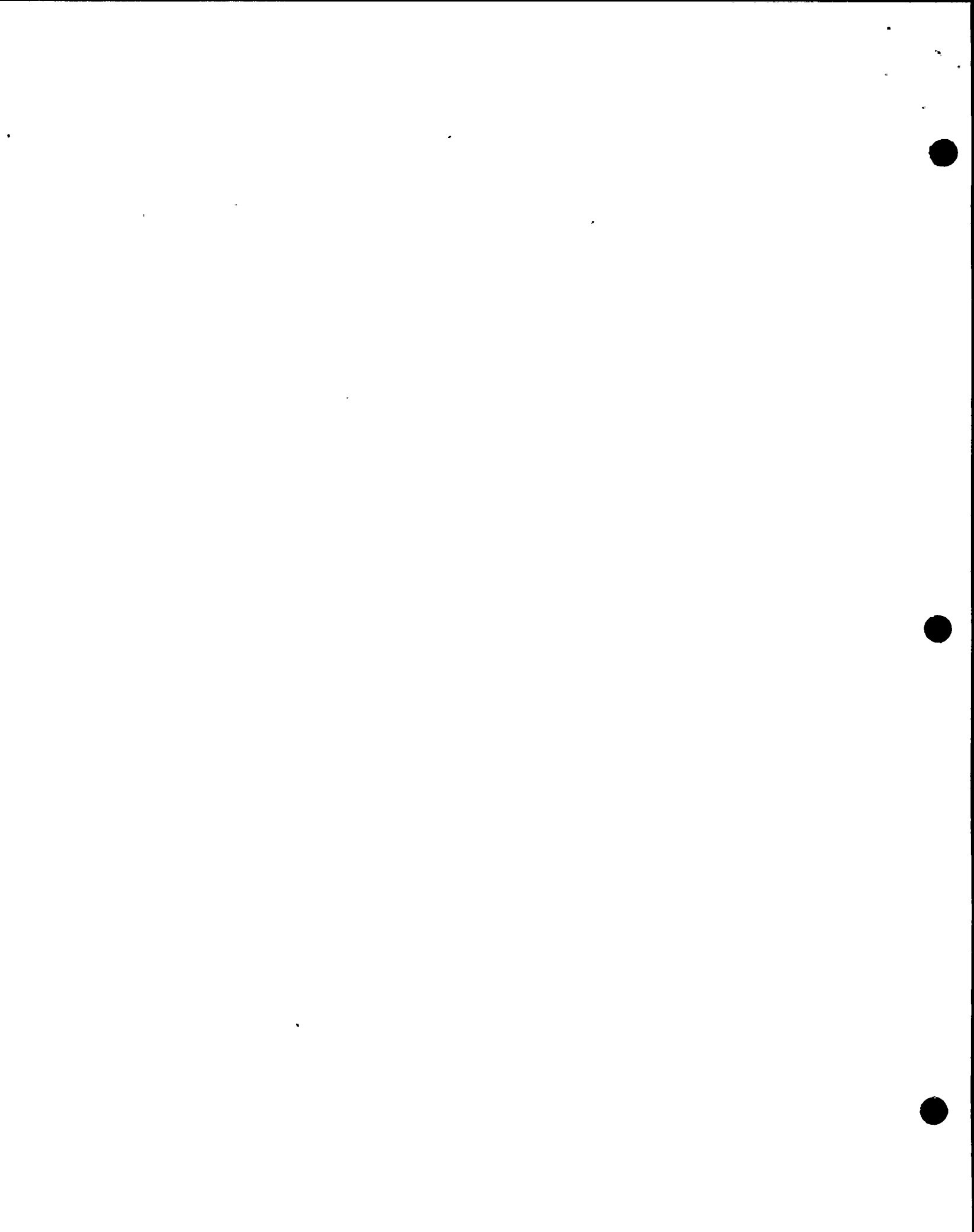
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>          | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|---|------------------------|-------------|---------------|
| 70147       | EOI*1061 REV-0             | 820315          | 820329     | RLCA OPEN ITEM:<br>PG&E AND THE HVAC FAN S31<br>MANUFACTURER HAVE BEEN<br>UNABLE TO SUPPLY A<br>DETAILED FABRICATION<br>DRAWING.                | *PG&E ACTION REQUIRED* | 80          |               |
| 70148       | EOI*1062 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>THE RLCA PIPING ANALYSIS<br>100 INDICATE THAT SUPPORT<br>CAUSES THE OVERSTRESSES.  | *RLCA ACTION REQUIRED* | 0           |               |
| 70149       | EOI*1063 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>THE RLCA PIPING ANALYSIS<br>107 SHOWS STRESSES FOR<br>SELECTED NODES DIFFER FROM<br>THE DESIGN ANALYSIS BY<br>MORE THAN 15%. | *RLCA ACTION REQUIRED* | 0           |               |
| 70150       | EOI*1064 REV-0             | 820315          | 999999     | RLCA QA-FINDINGS:<br>PG&E QA PROGRAM FOR DESIGN<br>WORK WAS NOT ADEQUATE IN<br>AREAS OF POLICY, PROCEDURES<br>AND IMPLEMENTATION.               | *PG&E ACTION REQUIRED* | 0           |               |
| 70151       | EOI*1065 REV-0             | 820315          | 999999     | RLCA QA-FINDINGS:<br>FOR PG&E, A GENERAL WEAKNESS<br>EXISTED IN INTERNAL AND<br>EXTERNAL INTERFACE AND<br>DOCUMENT CONTROLS.                    | *PG&E ACTION REQUIRED* | 0           |               |



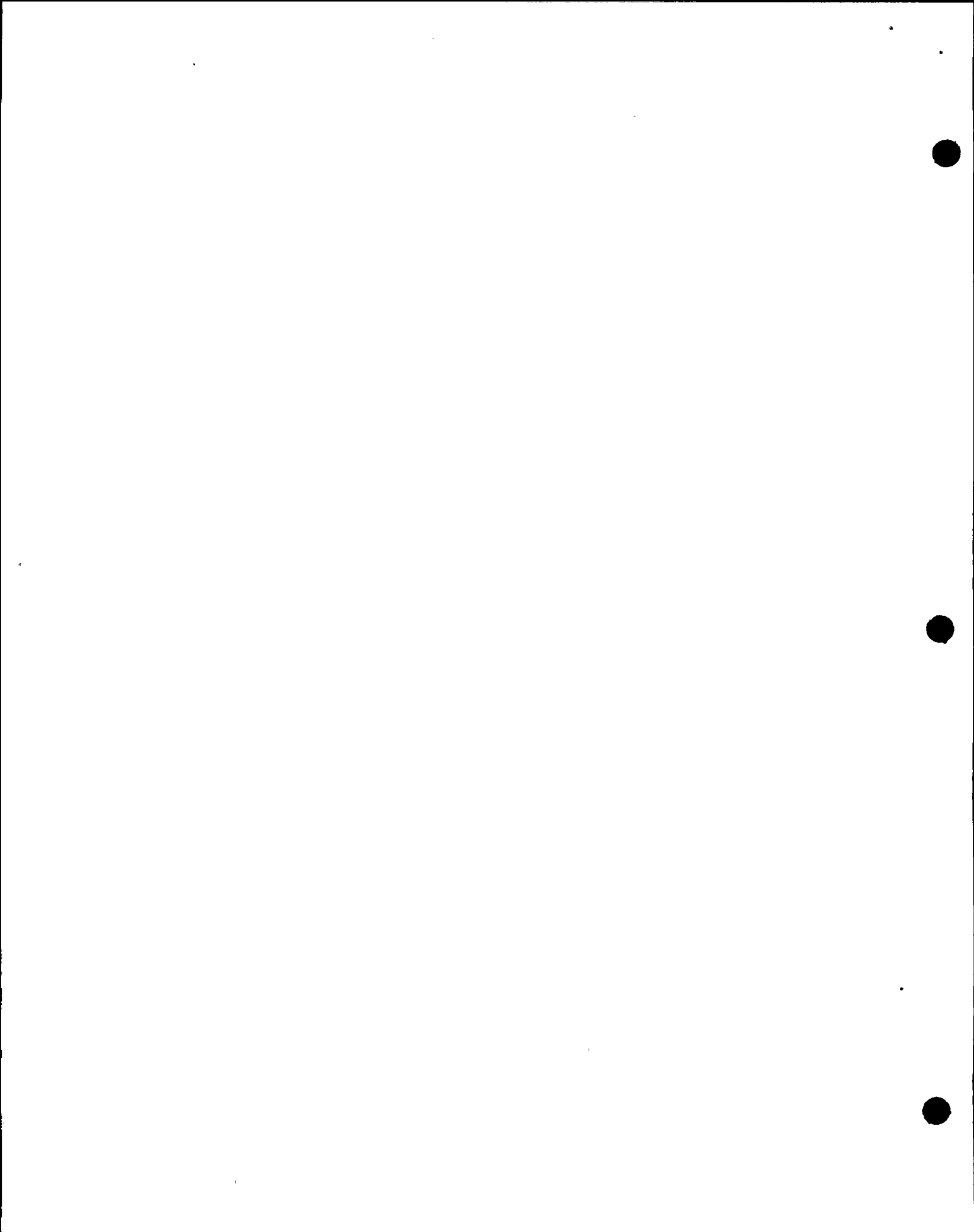
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>          | <u>A% C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|------------------------|-------------|---------------|
| 70152       | EOI*1066 REV-0             | 820315          | 999999     | RLCA QA-FINDINGS:<br>FOR PG&E, THE DESIGN<br>VERIFICATION PROGRAM WAS<br>NOT FORMALIZED, AND WAS<br>INCONSISTENTLY IMPLEMENTED<br>AND DOCUMENTED.                          | *PG&E ACTION REQUIRED* | 0           |               |
| 70153       | EOI*1067 REV-0             | 820315          | 999999     | RLCA QA-FINDINGS:<br>URS/BLUME DID NOT ESTABLISH<br>OR IMPLEMENT A QA PROGRAM<br>THAT MET THE APPLICABLE<br>REQUIREMENTS OF 10CFR50,<br>APPENDIX B.                        | *PG&E ACTION REQUIRED* | 0           |               |
| 70154       | EOI*1068 REV-0             | 820315          | 999999     | RLCA QA-FINDINGS:<br>FOR URS/BLUME, THE HOSGRI<br>REPORT WAS NOT DEVELOPED OR<br>ISSUED BY URS/BLUME AS A<br>CONTROLLED DESIGN DOCUMENT.                                   | *PG&E ACTION REQUIRED* | 0           |               |
| 70155       | EOI*1069 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>PG&E ANALYSIS 2-14 INDICATES<br>NEW SUPPORTS TO VALVES LCV113<br>AND LCV115. ISOMETRIC AND<br>FIELD INSPECTION SHOWED THESE<br>VALVES WERE UNSUPPORTED. | *PG&E ACTION REQUIRED* | 0           |               |
| 70156       | EOI*1070 REV-0             | 820315          | 999999     | RLCA OPEN ITEM:<br>THE RLCA CALCULATED RESULTS<br>FOR THE AUX. BUILDING<br>HORIZONTAL SOIL SPRING DIFFER<br>FROM THE URS/BLUME CALCULATED<br>RESULTS BY 50%.               | *RLCA ACTION REQUIRED* | 0           |               |



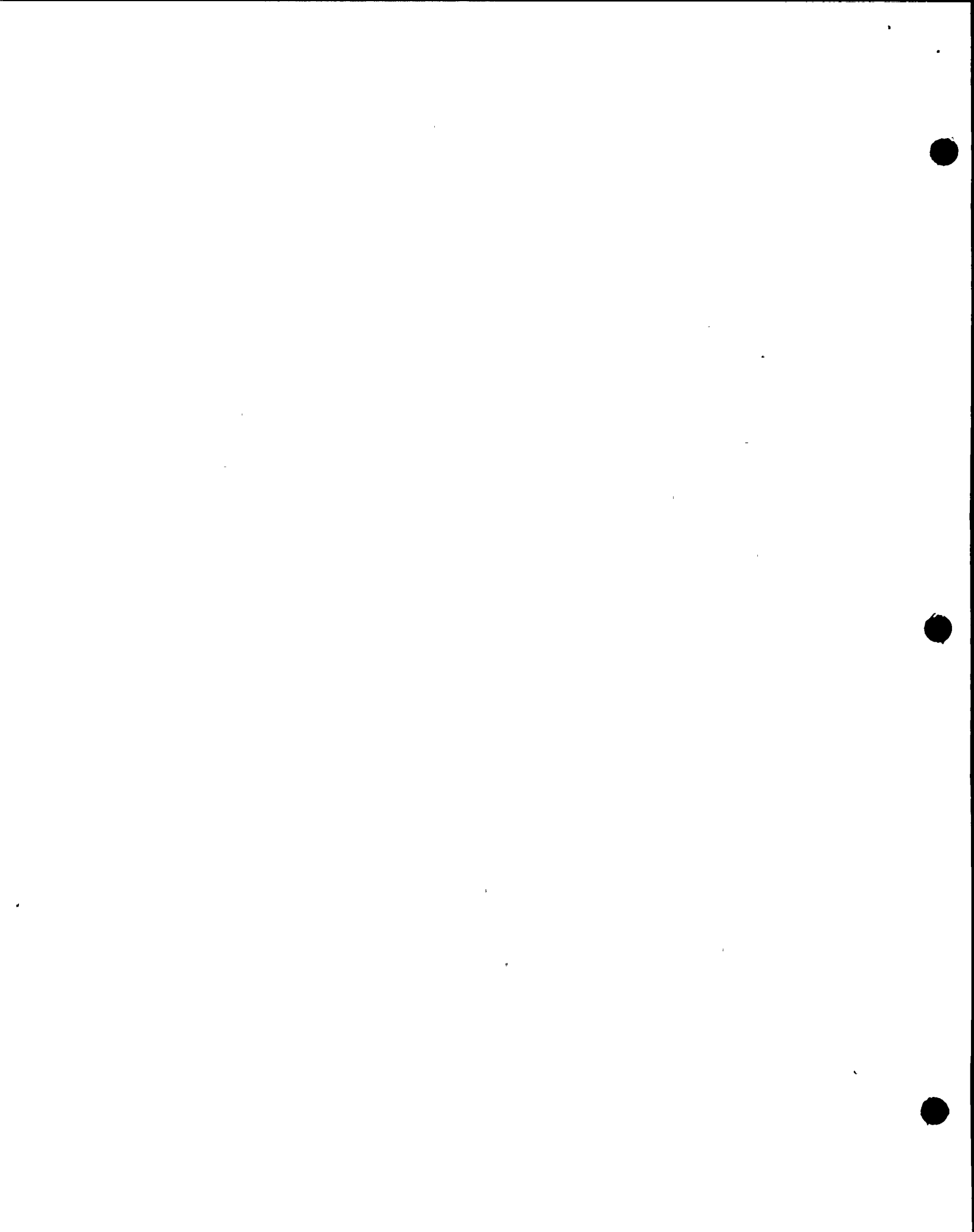
STATUS OF RLCA EOIS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u> | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>          | <u>A%C</u> | <u>CLS DT</u> |
|-------------|----------------------------|-----------------|------------|--|------------------------|------------|---------------|
| 70157       | EOI*1071 REV-0             | 820323          | 999999     | RLCA OPEN ITEM:<br>RLCA PIPING ANALYSIS 109<br>SHOWS STRESSES TO EXCEED<br>ALLOWABLE.  | *PG&E ACTION REQUIRED* | 0          |               |
| 70158       | EOI*1072 REV-0             | 820323          | 999999     | RLCA OPEN ITEM:<br>PG&E AND RLCA CALCULATED<br>STRESSES IN TURBINE DRIVEN<br>AUXILIARY FEEDWATER PUMP<br>DIFFER BY MORE THAN 15%.<br>ALL STRESSES BELOW<br>ALLOWABLE.      | *RLCA ACTION REQUIRED* | 0          |               |
| 70159       | EOI*1073 REV-0             | 820323          | 999999     | RLCA OPEN ITEM:<br>RLCA CALCULATED BOLT<br>STRESSES IN AUXILIARY<br>SALTWATER PUMP EXCEED<br>ALLOWABLE. VERIFICATION AND<br>DESIGN FREQUENCIES DIFFER BY<br>MORE THAN 15%. | *RLCA ACTION REQUIRED* | 0          |               |
| 70160       | EOI*1074 REV-0             | 820323          | 999999     | RLCA OPEN ITEM:<br>STRESSES IN THE DESIGN AND<br>VERIFICATION RLCA PIPING<br>ANALYSIS 101 DIFFER BY MORE<br>THAN 15%. ALL STRESSES BELOW<br>ALLOWABLE.                     | *RLCA ACTION REQUIRED* | 0          |               |



ATTACHMENT II

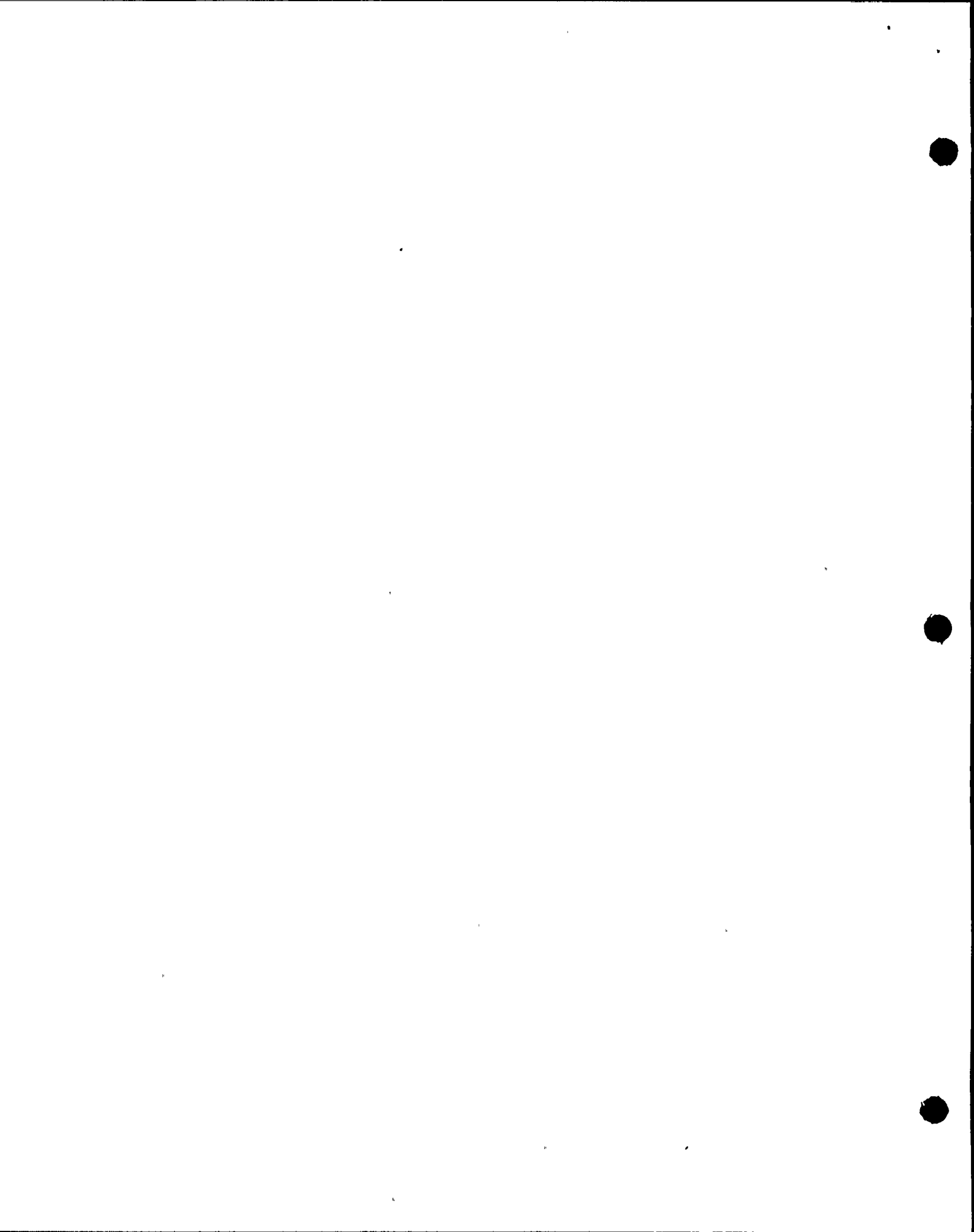
OUTSTANDING  
RLCA REQUESTS FOR INFORMATION





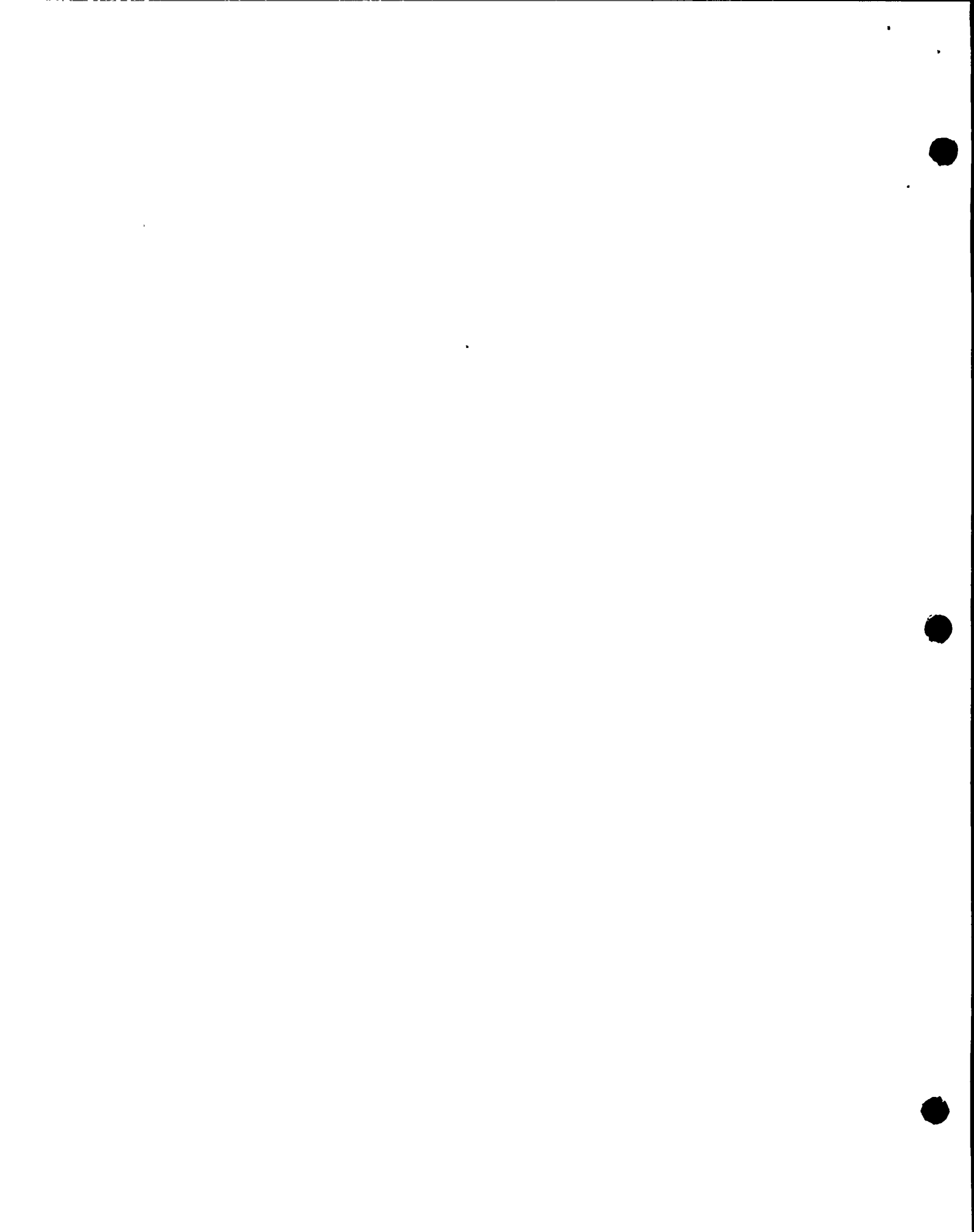
OUTSTANDING RLCA REQUESTS FOR INFORMATION

| <u>RLCA<br/>REQUEST<br/>NO.</u> | <u>DATE OF<br/>RLCA<br/>REQUEST</u> | <u>DESCRIPTION OF REQUEST</u>  | <u>ESTIMATED<br/>DELIVERY<br/>DATE</u> | <u>RESPONSIBLE<br/>DEPARTMENT</u> |
|---------------------------------|-------------------------------------|--|--|-----------------------------------|
| 88                              | 02-12-82                            | Seismic support qualification for 12 0 900 CFM duct above primary make-up water pumps  | 03-31-82                               | CE                                |
| 109                             | 02-22-82                            | 6 air tank and actuator items: bolts, bracket, welding, dimensions and sizes details for them and valves.  | 03-31-82                               | M&NE                              |
| 113                             | 02-25-82                            | Soil spring distance (aux. bldg.) justification of average shear wave velocity of 3,600 ft./sec. for foundation material under auxiliary building.           | 03-31-82                               | CE                                |
| 124                             | 03-04-82                            | Motor and pump information for the component cooling water pump  | 03-16-82                               | M&NE                              |
| 138                             | 03-14-82                            | Time histories for all elevations for the Auxiliary building N-S model.  | To be determined at a later date       | CE                                |
| 141                             | 03-16-82                            | PIPESD manuals for all versions (1977-1981)  | 04-09-82                               | M&NE                              |
| 142                             | 03-17-82                            | Date, source, and author of Pressurizer Support Stiffness information per Request No. 85 and a qualification analysis summary for both pressurizer supports. | 03-26-82                               | CE                                |
| 144                             | 03-18-82                            | Piping ISO 449317, 446549, and 447118  | 03-29-82                               | M&NE                              |
| 145                             | 03-18-82                            | Design ISO Drawing for lines 382 and 2741  | 03-29-82                               | M&NE                              |



OUTSTANDING RLCA REQUESTS FOR INFORMATION

| <u>RLCA<br/>REQUEST<br/>NO.</u> | <u>DATE OF<br/>RLCA<br/>REQUEST</u> | <u>DESCRIPTION OF REQUEST</u>  | <u>ESTIMATED<br/>DELIVERY<br/>DATE</u> | <u>RESPONSIBLE<br/>DEPARTMENT</u> |
|---------------------------------|-------------------------------------|--|--|-----------------------------------|
| 148                             | 03-18-82                            | Line 264 system description including references to Valves 9001A and 9003A | 03-26-82                               | M&NE                              |
| 149                             | 03-19-82                            | Deadweight analysis for lines 264, 279, 325, and 251A                      | 03-29-82                               | M&NE                              |



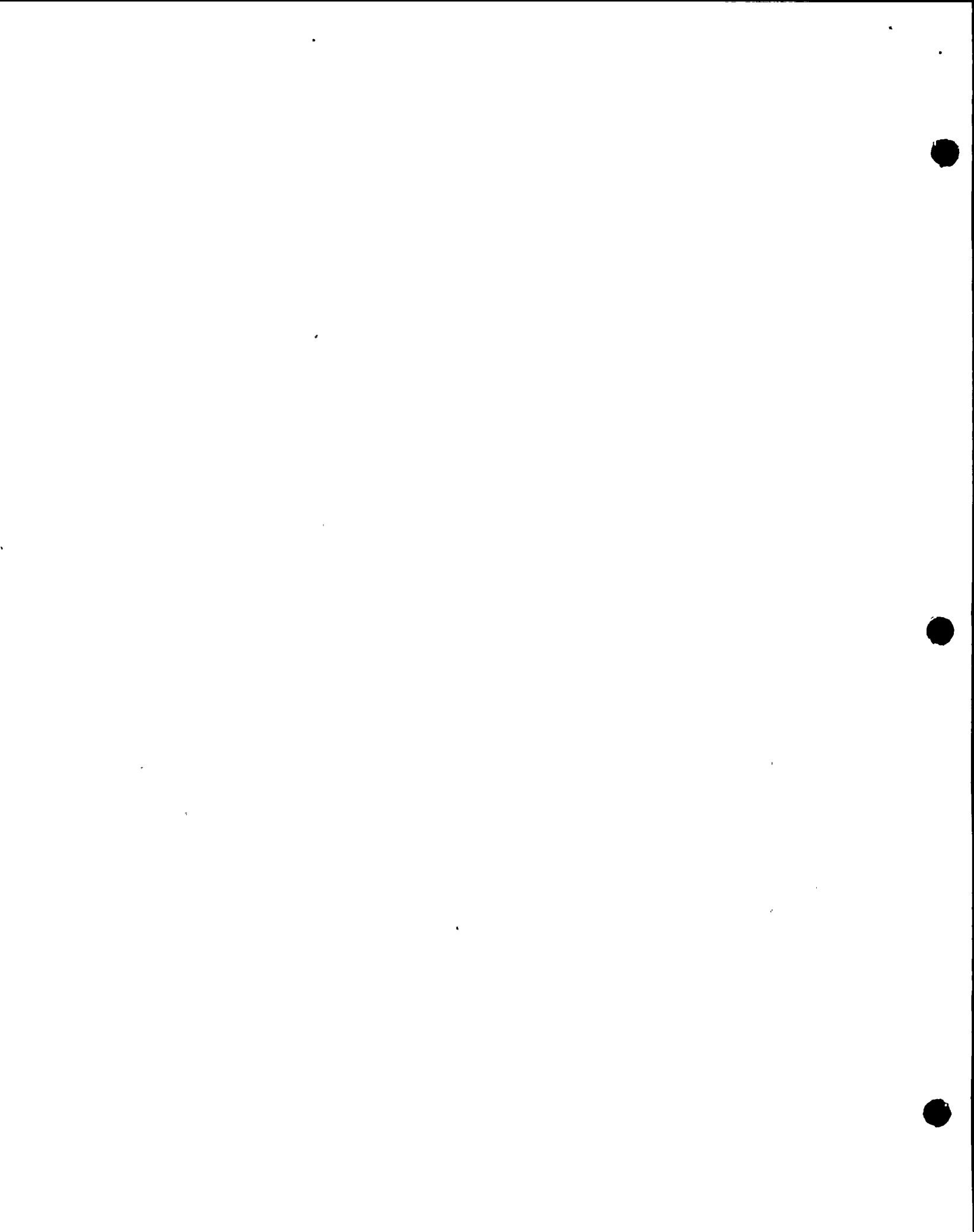
## ATTACHMENT III

### Other Findings (Open Items)

#### LEGEND

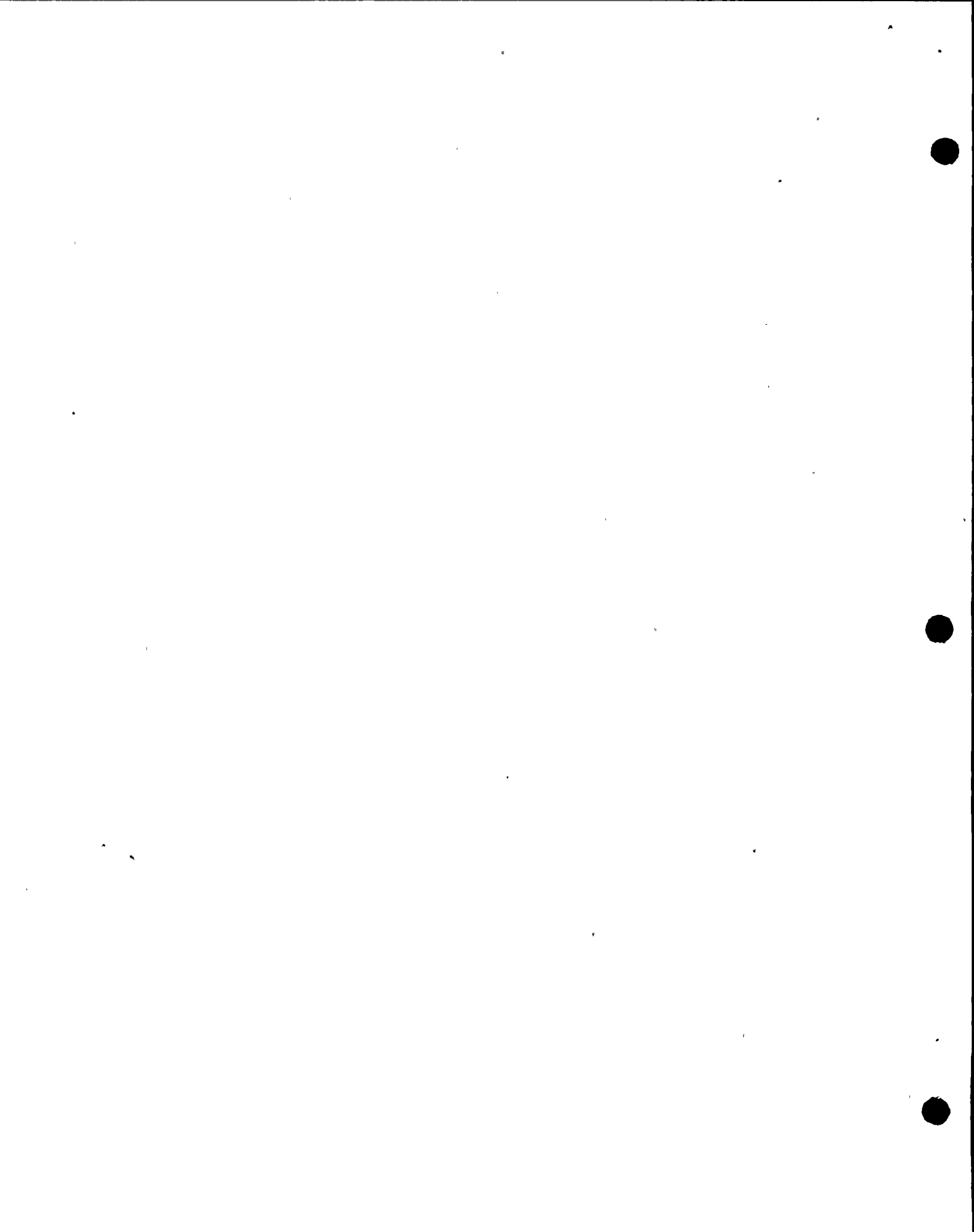
1. TASK # - The number assigned by PGandE for tracking. (Note 1)
2. INITIATING DOCUMENT - The EOI number.
3. IDENT DT - Date problem was identified: year-month-date.  
The computer defaults to 000000.
4. ECD - Estimated Completion Date. The computer will enter 999999  
until a date is entered.
5. DESCRIPTION - Self-explanatory.
6. STATUS - Will be used to describe status of resolution.
7. A%C - Actual Percent Complete.
8. CLS DT - Closed Date.

Note 1: Task numbers are not necessarily sequential for this listing. All 70000 series task numbers are dedicated to EOIs or OIs.



STATUS OF PG&E OPEN ITEMS

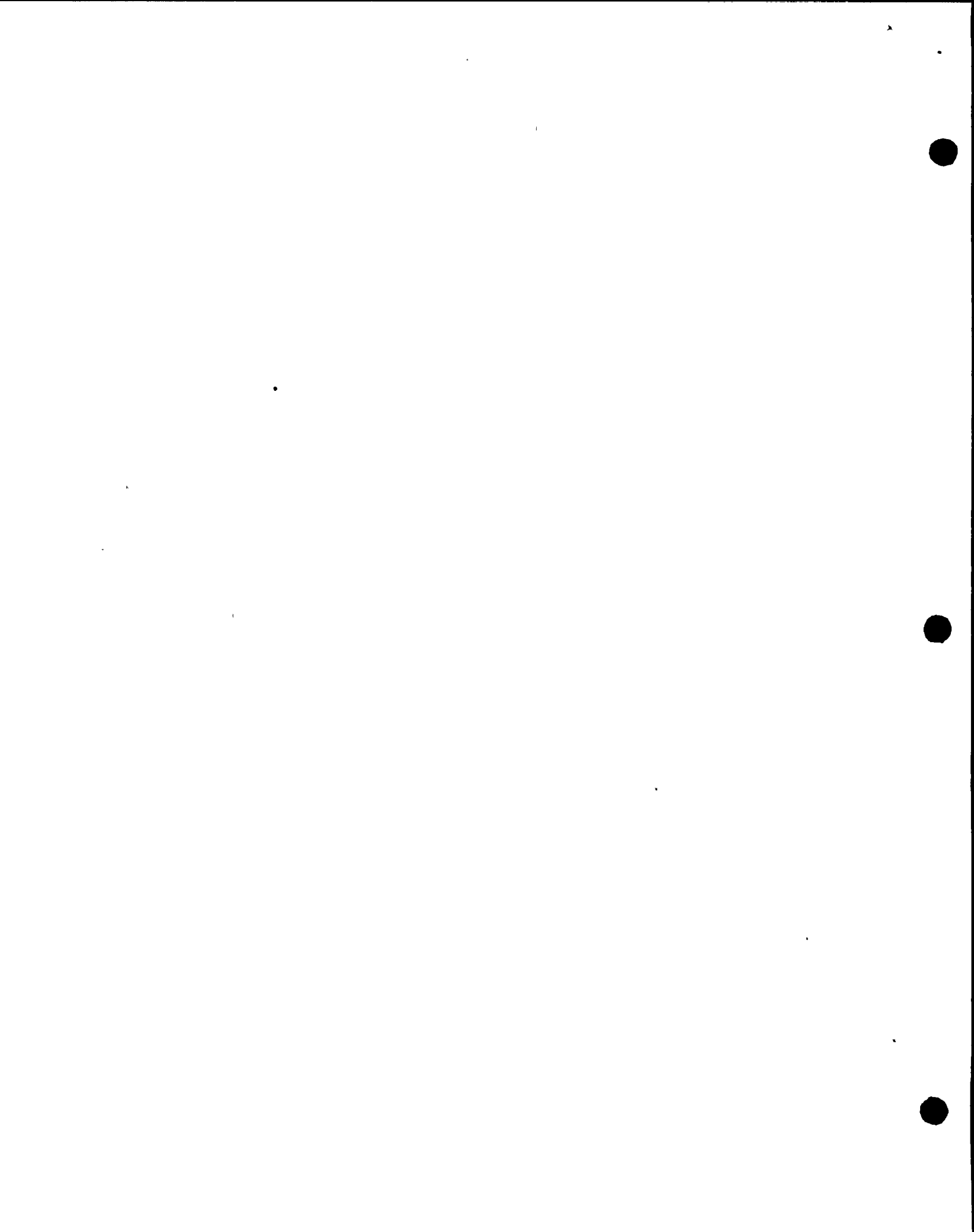
| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                                      | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|---|--|------------|---------------|
| 70098       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS<br>ITEM 1 | 820212          | 820424     | PG&E OPEN ITEM:<br>VALVE MODELING IN PIPING<br>ANALYSES: MODELING OF ALL<br>ANNULUS AREA VALVES<br>REVIEWED. SIX WERE FOUND TO<br>BE MODELED INCORRECTLY. THE<br>VALVE MODELING IN ALL UNIT 1<br>PIPING ANALYSES WILL BE<br>REVIEWED. IF MODELING<br>ERRORS ARE FOUND, AFFECTED<br>PIPING ANALYSIS WILL BE RERUN. | *PG&E ACTION REQUIRED*<br>SIX OF FIFTEEN ANALYSES<br>ARE COMPLETE. PROGRESS<br>IS IMPACTED BY THE<br>RESOLUTION OF HOSGRI<br>SPECTRA ISSUES ASSOCIATED<br>WITH THE CONTAINMENT<br>INTERIOR STRUCTURE ABOVE<br>ELEVATION 140 AND THE<br>EXTERIOR PIPEWAY. | 35         |               |
| 70099       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS<br>ITEM 2 | 820212          | 820403     | PG&E OPEN ITEM:<br>HOSGRI SPECTRA DIGITIZATION:<br>THE DIGITIZATION OF THE<br>EAST-WEST TRANSLATIONAL<br>HOSGRI SPECTRA FOR THE 140<br>ELEVATION IN THE AUXILIARY<br>BUILDING HAS BEEN FOUND TO<br>CONTAIN AN ERROR. ALL<br>AFFECTED PIPING ANALYSES<br>WILL BE RERUN AND PIPE<br>SUPPORTS REQUALIFIED.           | *PG&E ACTION REQUIRED*<br>ONE ANALYSIS WAS FOUND<br>TO NEED REANALYSIS. THAT<br>REANALYSIS IS COMPLETE,<br>AND THE SUPPORT DESIGNS<br>ARE BEING REVIEWED.  | 70         |               |





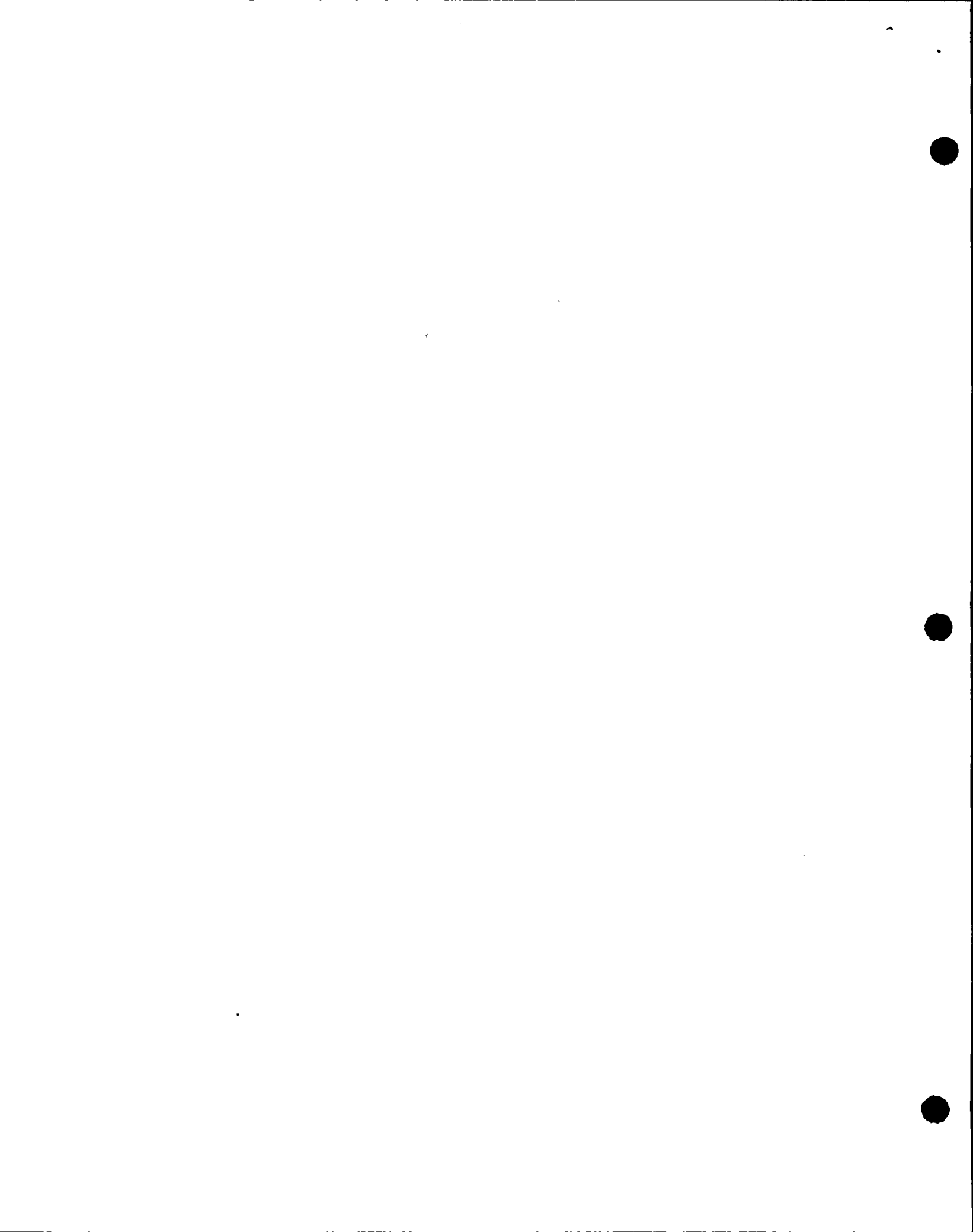
STATUS OF PGandE OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                                       | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|--|-----------------|------------|---|---|------------|---------------|
| 70100       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 3 | 820212          | 820430     | PG&E OPEN ITEM:<br>RACEWAY SUPPORTS: THE METHOD<br>USED TO CALCULATE RACEWAY<br>WEIGHTS MAY HAVE RESULTED IN<br>AN UNDERESTIMATION OF THE<br>WEIGHTS OF SOME CONDUITS. A<br>THOROUGH REVERIFICATION<br>PROGRAM FOR ALL RACEWAY<br>SUPPORTS WILL BE CONDUCTED. | *PG&E ACTION REQUIRED*<br>REVERIFICATION ANALYSIS*<br>FOR HOSGRI EARTHQUAKE<br>LOADING HAS BEEN COMPLETED.<br>ONE SUPPORT TYPE, INVOLVING<br>SIXTEEN INSTALLATIONS, HAS<br>BEEN FOUND TO BE UNABLE TO<br>MEET ACCEPTANCE CRITERIA<br>FOR TRANSVERSE LOADING<br>AND WILL REQUIRE<br>MODIFICATIONS. IN<br>ADDITION, FOUR CONDUIT<br>RUNS WILL BE STRENGTHENED<br>FOR LONGITUDINAL LOADING.<br>DESIGN OF MODIFICATIONS<br>TO BE COMPLETED BY 4/1/82. | 0          |               |
| 70101       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 4 | 820212          | 820315     | PG&E OPEN ITEM:<br>SMALL BORE SEISMIC<br>RESTRAINTS: REVIEW OF ALL<br>UNIT 1 SMALL BORE PIPING HAS<br>IDENTIFIED FORTY SUPPORTS<br>REQUIRING VERTICAL RESTRAINT<br>WHERE ONLY A SINGLE ROD WAS<br>UTILIZED. MODIFICATION OF<br>THESE SUPPORTS WILL BE MADE.   | *CLOSED*<br>ALL DESIGN CLASS I SMALL<br>BORE PIPING SINGLE ROD<br>SUPPORTS HAVE BEEN MODIFIED<br>TO COMPLY WITH VERTICAL<br>SEISMIC RESTRAINT<br>REQUIREMENTS.  | 10         | 820315        |
| 70102       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 5 | 820212          | 999999     | PG&E OPEN ITEM:<br>ACTIVE VALVE HOSGRI<br>QUALIFICATION: ONE VALVE<br>LIST IN THE HOSGRI REPORT<br>WAS NOT UPDATED AS REQUIRED<br>BY THE SECOND PHASE. ALL<br>DESIGN CLASS 1 ACTIVE VALVES<br>WILL BE REVIEWED TO MAKE<br>SURE THEY WERE QUALIFIED.           | *PG&E ACTION REQUIRED*<br>THE LIST OF VALVES<br>REQUIRING VERIFICATION OF<br>SEISMIC QUALIFICATION IS<br>IN PREPARATION.  | 5          |               |



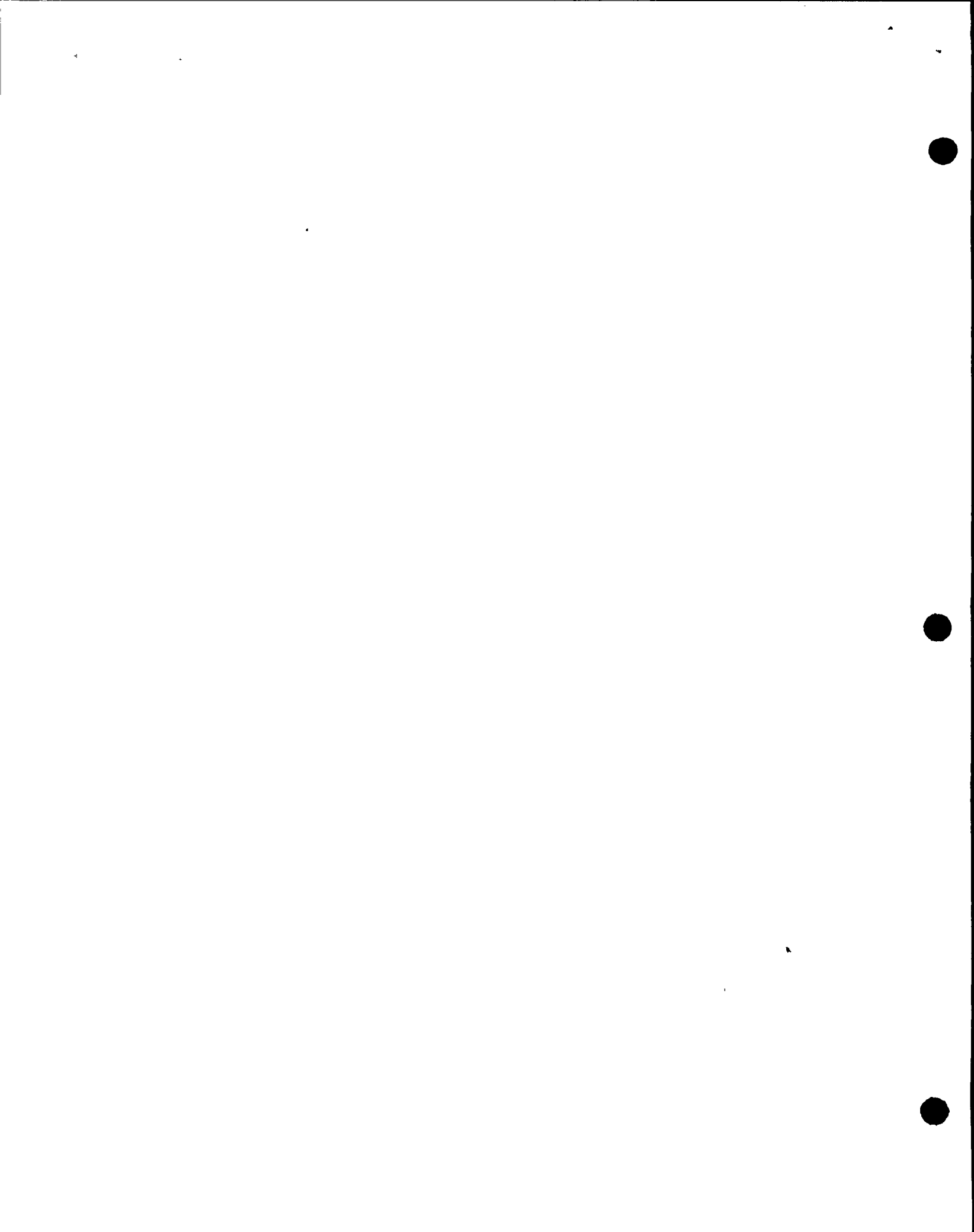
STATUS OF PG&E OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                                       | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|--|-----------------|------------|--|--|------------|---------------|
| 70103       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 6 | 820212          | 820305     | PG&E OPEN ITEM:<br>SMALL BORE PIPING OVERSPANS:<br>CERTAIN SMALL BORE PIPING<br>SPANS HAVE BEEN IDENTIFIED<br>AS DEVIATING FROM SEISMIC<br>CRITERIA. REVIEW AND<br>ANALYSIS WILL BE PERFORMED<br>TO DETERMINED EXTENT AND<br>SIGNIFICANCE. | *PG&E ACTION REQUIRED*<br>A LARGE SAMPLE OF SMALL<br>BORE PIPING HAS BEEN<br>REVIEWED AND OVERSPANS<br>IDENTIFIED. ANALYSIS HAS<br>BEEN COMPLETED TO<br>IDENTIFY THOSE SPANS<br>WHICH MAY INCUR SEISMIC<br>STRESSES EXCEEDING<br>ALLOWABLES. THE<br>PERCENTAGE OF SPANS IN<br>THIS CLASS RELATIVE TO<br>THE TOTAL POPULATION IS<br>LESS THAN 0.5%.<br>VERIFICATION OF SUPPORT<br>QUALIFICATIONS ASSOCIATED<br>WITH OVERSPANS IS IN<br>PROGRESS. CLOSING<br>DOCUMENTATION IS IN<br>PREPARATION. | 80         |               |
| 70104       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 7 | 820212          | 820423     | PG&E OPEN ITEM:<br>PIPING THERMAL ANALYSES:<br>PIPING REVIEW OF ANNULUS<br>REVEALED TWO THERMAL<br>ANALYSES WHICH USED<br>INCORRECT MODELING OF<br>SUPPORTS. A SAMPLE OF OTHER<br>THERMAL ANALYSES WILL BE<br>REVIEWED.                    | *PG&E ACTION REQUIRED*<br>THE TWO THERMAL ANALYSES<br>HAVE BEEN RERUN AND ISSUED<br>TO CORRECT SUPPORT<br>MODELING ERRORS. SUPPORTS<br>ARE BEING QUALIFIED.<br>REVIEW OF ADDITIONAL<br>THERMAL ANALYSES WILL<br>BEGIN SOON.  | 70         |               |



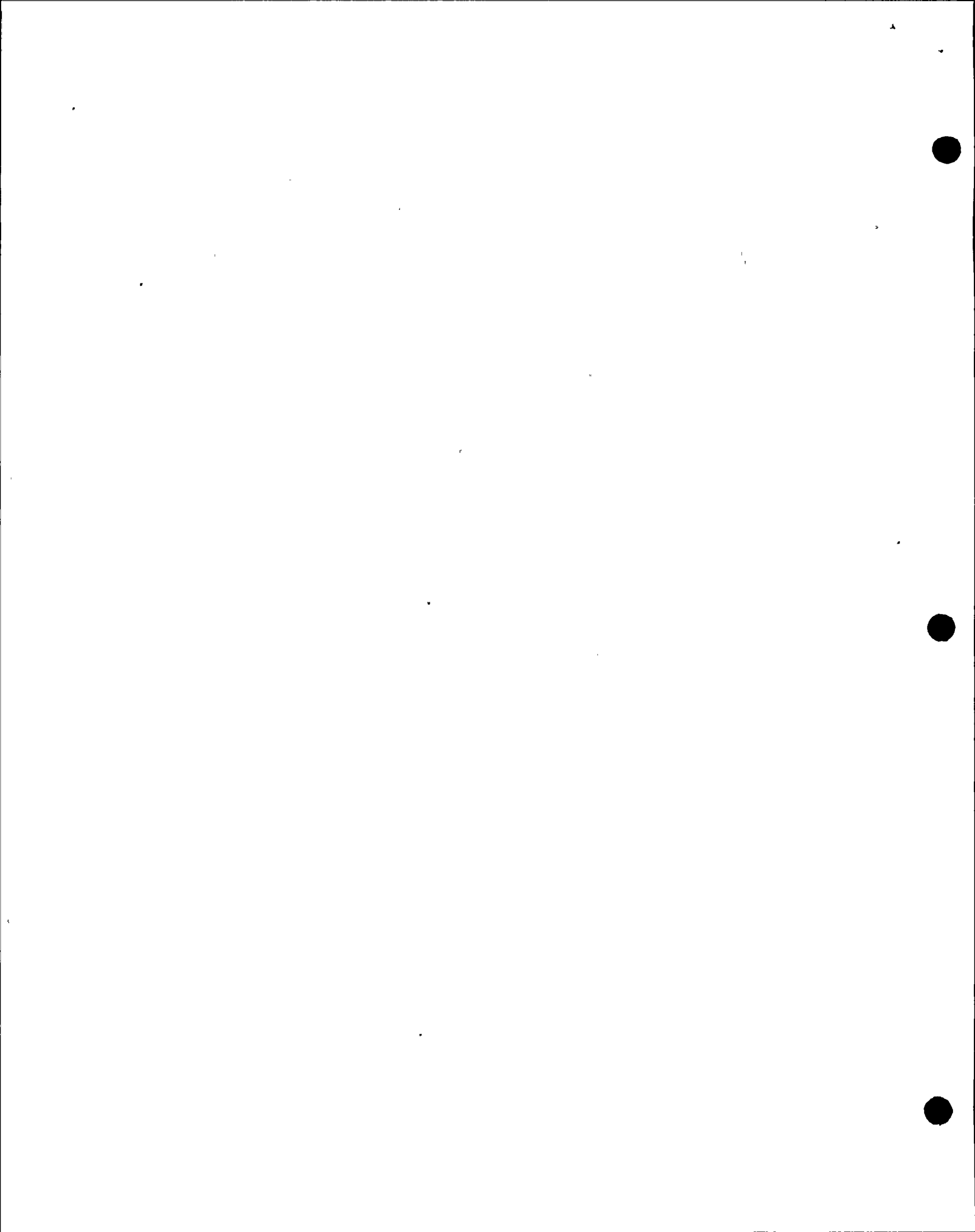
STATUS OF PGandE OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>  | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|---|---|------------|---------------|
| 70105       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 8  | 820212          | 999999     | PG&E OPEN ITEM:<br>SEISMIC RESPONSE SPECTRA<br>APPLICATION: PIPING WITH<br>SUPPORTS ATTACHED TO<br>CONTAINMENT INTERNAL<br>STRUCTURE ABOVE 140<br>ELEVATION WERE DYNAMICALLY<br>ANALYZED USING 140 ELEVATION<br>SPECTRA. PIPING, ELECTRICAL<br>RACEWAYS AND SUPPORTS<br>ATTACHED TO CONTAINMENT<br>EXTERIOR PIPEWAY WERE<br>ANALYZED USING CONTAINMENT<br>EXTERIOR SPECTRA. FURTHER<br>ANALYSIS WILL BE PERFORMED<br>TO VERIFY APPROPRIATENESS<br>OF THESE ASSUMPTIONS. | *PG&E ACTION REQUIRED*  | 0          |               |
| 70106       | SEMI-MONTHLY STATUS,<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 9 | 820212          | 820429     | PG&E OPEN ITEM:<br>DEVIATIONS FROM PIPE LUG<br>CRITERIA: ONE CASE OF A<br>PIPE SUPPORT DESIGN WITH<br>FEWER PIPE LUGS THAN<br>REQUIRED BY DESIGN CRITERIA,<br>RESULTING IN LOCAL PIPE<br>OVERSTRESS, HAS BEEN<br>IDENTIFIED. ALL PIPE<br>SUPPORT DESIGNS WILL BE<br>REVIEWED TO IDENTIFY ANY<br>DEVI  | *PG&E ACTION REQUIRED*<br>ALL UNIT 1 PIPE-SUPPORT<br>DESIGNS HAVE BEEN REVIEWED<br>AND APPROXIMATELY 200<br>LARGE BORE-PIPE SUPPORTS<br>FOUND WHICH DEVIATE FROM<br>THE MINIMUM PIPE LUG<br>CRITERIA. PROCEDURES AND<br>A COMPUTER PROGRAM ARE IN<br>PREPARATION TO FACILITATE<br>LUG AND LUG EFFECTS ON<br>PIPE-STRESS ANALYSES. | 20         |               |



STATUS OF PGandE OPEN ITEMS

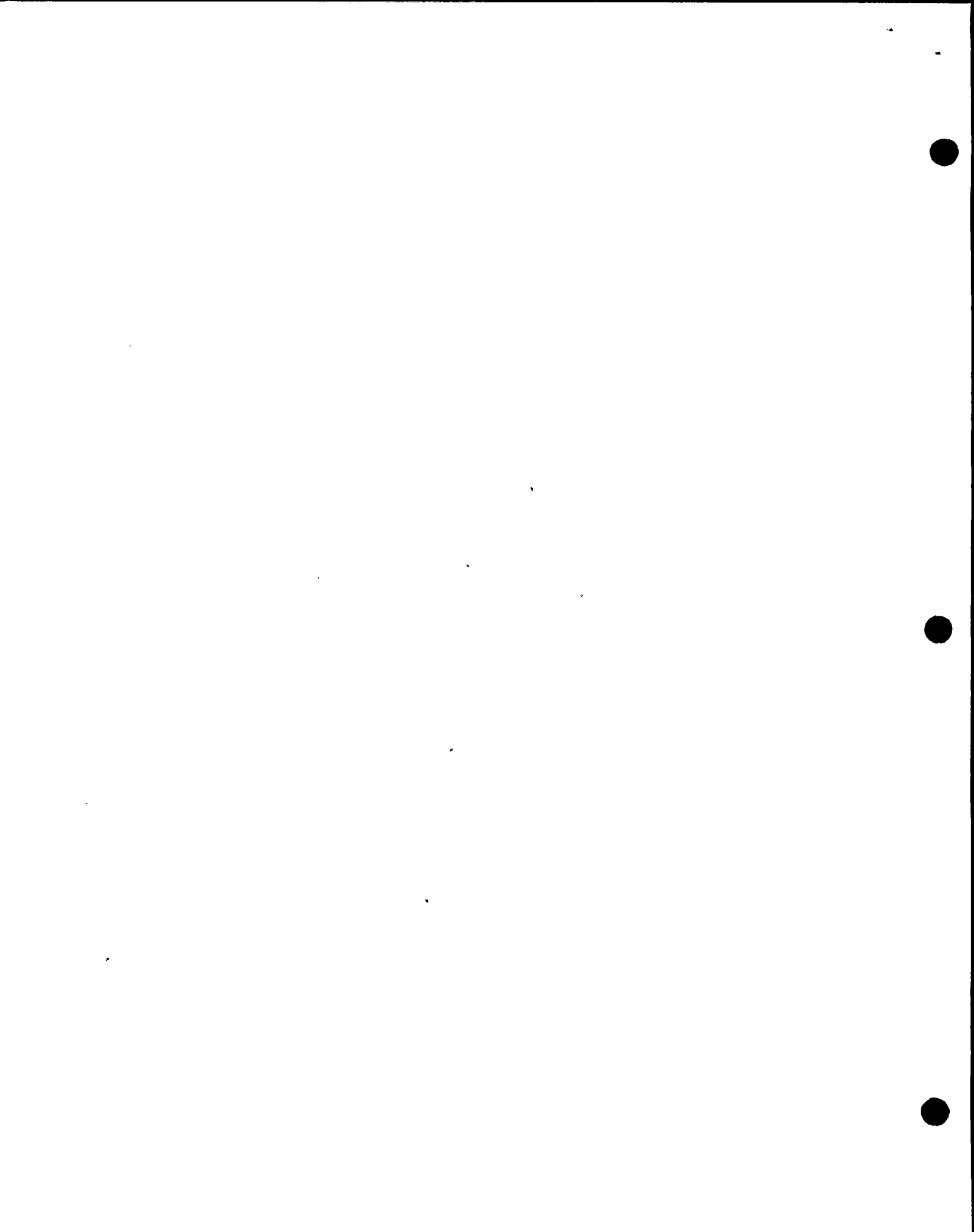
| <u>TASK</u> | <u>INITIATING DOCUMENT</u>  | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|--|--|------------|---------------|
| 70107       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS<br>ITEM 10  | 820212          | 820415     | PG&E OPEN ITEM:<br>SEISMIC SPECTRA SELECTION:<br>SEVEN PIPING ANALYSES WERE<br>IDENTIFIED FOR WHICH THE<br>SPECTRA SETS USED WERE NOT<br>ENVELOPED BY THE APPROPRIATE<br>REVISED REORIENTED ANNULUS<br>SPECTRA. THE ANALYSES WILL<br>BE RERUN WITH APPROPRIATE<br>SPECTRA.   | *PG&E ACTION REQUIRED*<br>REANALYSIS IS COMPLETE,<br>AND SUPPORT REVERIFICATION<br>IS COMPLETE. FURTHER ACTION<br>IS BEING EVALUATED.  | 90         |               |
| 70108       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 11 | 820212          | 820415     | PG&E OPEN ITEM:<br>PLANT EXHAUST VENT: DYNAMIC<br>PROPERTIES USED IN THE<br>SEISMIC QUALIFICATION OF THE<br>PLANT EXHAUST VENT WILL BE<br>REVIEWED.  | *PG&E ACTION REQUIRED*   | 60         |               |
| 70109       | SEMI-MONTHLY STATUS<br>REPORT NO. 7<br>OTHER FINDINGS,<br>ITEM 12 | 820212          | 820415     | PG&E OPEN ITEM:<br>CONTAINMENT INTERIOR<br>STRUCTURE VERTICAL DYNAMIC<br>MODEL: SOME MASSES WERE<br>REPRESENTED INCORRECTLY IN<br>THE VERTICAL DYNAMIC MODEL<br>OF THE CONTAINMENT INTERIOR<br>STRUCTURE. AN INVESTIGATION<br>WILL BE MADE TO DETERMINE<br>THE SIGNIFICANCE. | *PG&E ACTION REQUIRED*<br>REVISED FLOOR RESPONSE<br>SPECTRA HAVE BEEN<br>GENERATED FOR TWO FRAMES.<br>THE MAXIMUM EFFECT WAS A<br>12% INCREASE AT ONE<br>ELEVATION FOR ONE FRAME<br>OVER A NARROW FREQUENCY<br>RANGE. A PROCEDURE FOR<br>REVIEW OF PIPING ANALYSES<br>TO IDENTIFY IF REANALYSIS<br>IS REQUIRED IS BEING<br>PREPARED. | 20         |               |





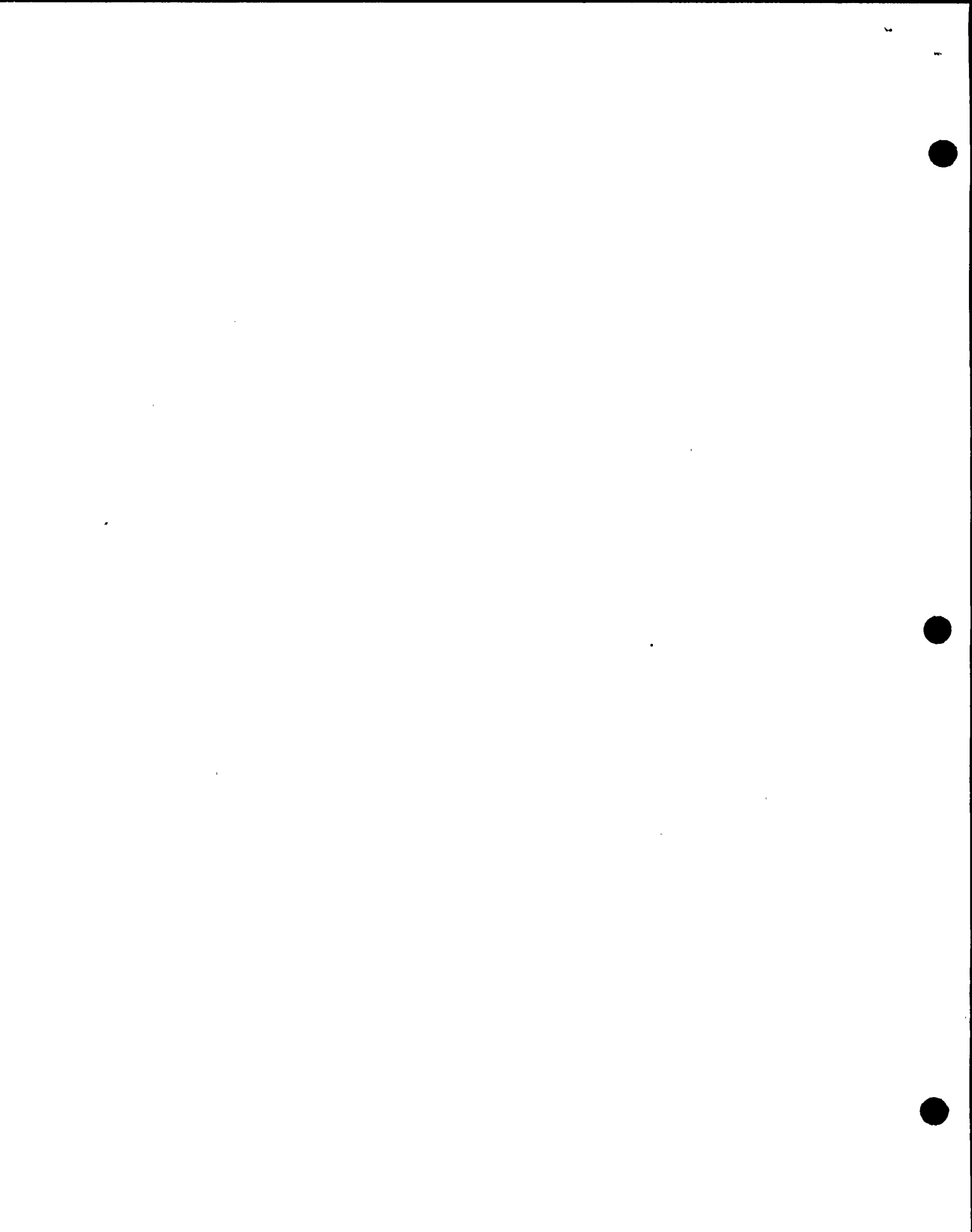
STATUS OF PGandE OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                          | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>   | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|---|---|------------|---------------|
| 70141       | SEMI-MONTHLY STATUS<br>REPORT NO. 8<br>OPEN ITEM 13 | 820127          | 999999     | PG&E OPEN ITEM:<br>PIPING ISOMETRIC ACCURACY:<br>RLCA HAS IDENTIFIED<br>NUMEROUS DISCREPANCIES<br>BETWEEN THE AS-BUILT<br>PIPING CONFIGURATIONS AND<br>THE PIPING ISOMETRIC<br>DRAWINGS. AUDITS, DRAWING<br>REVISIONS AND, AS NECESSARY,<br>PLANT MODIFICATIONS WILL BE<br>PERFORMED.   | *PG&E ACTION REQUIRED*<br>PIPING ISOMETRIC DRAWINGS<br>ARE BEING REVERIFIED BY<br>DETAILED COMPLETE FIELD<br>WALKDOWNS AND REVIEW OF<br>DRAFTING DEFICIENCIES.<br>PIPING AND SUPPORT<br>QUALIFICATIONS WILL BE<br>VERIFIED TO THE REVISED<br>DATA.  |            |               |
| 70142       | SEMI-MONTHLY STATUS<br>REPORT NO. 8<br>OPEN ITEM 14 | 820224          | 820416     | PG&E OPEN ITEM:<br>SMALL BORE SEISMIC ANCHORS<br>MOVEMENTS: A DEFICIENCY IN<br>THE SMALL BORE SEISMIC ANCHOR<br>MOVEMENT DESIGN CRITERIA<br>DOCUMENT WAS FOUND DURING<br>REVIEW AND REQUALIFICATION OF<br>SMALL BORE PIPING FOR<br>ATTACHED LARGE BORE PIPING<br>REVISED SEISMIC DISPLACE-<br>MENTS. THE INSTRUCTION FOR<br>PROJECTION OF SKEWED LINES<br>INTO EFFECTIVE LENGTHS FOR<br>THE APPROPRIATE PLANES<br>RESULTED IN GREATER SPAN<br>LENGTHS THAN THE TRUE<br>PROJECTED LENGTH. THE<br>INSTRUCTION WILL BE REVISED<br>AND ALL SMALL BORE SKEWED<br>PIPING REVIEWED AND<br>QUALIFIED. | *PG&E ACTION REQUIRED*<br>ALL SMALL BORE PIPING<br>ATTACHED TO DYNAMICALLY,<br>ANALYZED, LARGE BORE<br>PIPING HAS BEEN REVIEWED<br>AND TWO SMALL BORE LINES<br>FAILED INITIAL SCREENING<br>CRITERIA. ADDITIONAL<br>ANALYSIS WILL BE PERFORMED<br>TO DETERMINE IF DESIGN<br>MODIFICATIONS ARE REQUIRED<br>FOR THESE TWO LINES. | 85         |               |



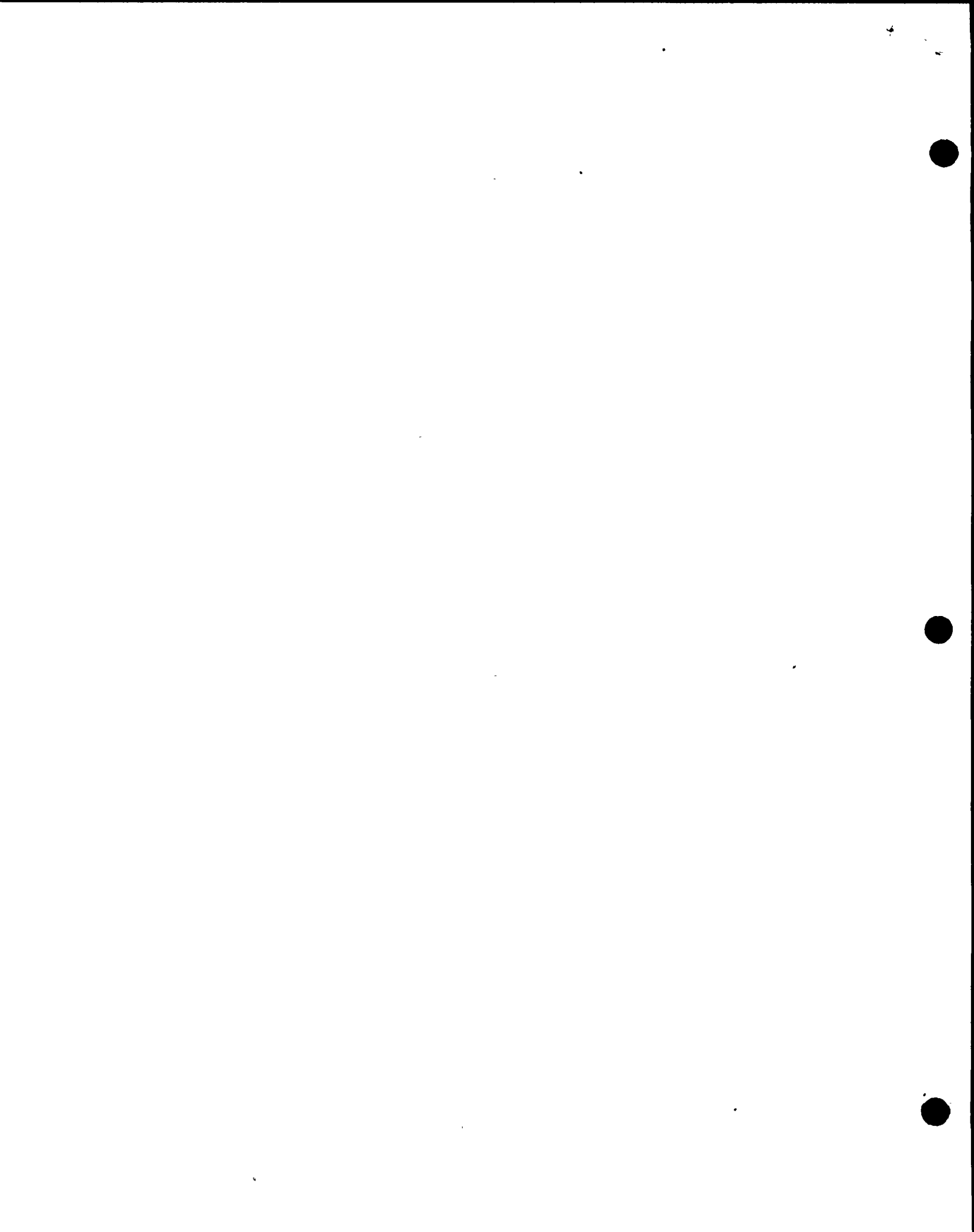
STATUS OF PGandE OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                          | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>  | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|---|--|------------|---------------|
| 70143       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 15 | 820309          | 820423     | PG&E OPEN ITEM:<br>DOCUMENTATION OF THE<br>QUALIFICATIONS OF CERTAIN<br>BORE PIPING STANDARD<br>SUPPORT DETAILS FOR<br>BI-DIRECTIONAL LOADING CANNOT<br>BE LOCATED. THE EXISTING<br>STANDARD DETAILS WILL BE<br>REQUALIFIED.  | *PG&E ACTION REQUIRED*<br>PREPARATION FOR<br>REQUALIFICATION IS IN<br>PROGRESS.  | 15         |               |
| 70144       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 16 | 820309          | 999999     | PG&E OPEN ITEM:<br>THE EXISTING FILE 44 HOSGRI<br>HORIZONTAL SEISMIC<br>COEFFICIENT FOR THE<br>AUXILIARY BUILDING AT<br>ELEVATION 163 IS 5. IT<br>SHOULD BE 8.5. THE FILE 44<br>HORIZONTAL AND VERTICAL<br>SEISMIC COEFFICIENTS WILL<br>BE VERIFIED FOR CURRENT<br>SPECTRA. | *PG&E ACTION REQUIRED*<br>ALL SEISMIC DESIGN<br>ACCELERATIONS USED TO<br>DESIGN SUPPORTS FOR<br>PIPING DESIGNED BY MAXIMUM<br>SPAN METHOD HAVE BEEN<br>REVIEWED AND VERIFIED.<br>THE ACCELERATIONS WERE<br>FOUND TO BE UNCONSERVATIVE<br>IN A NUMBER OF ADDITIONAL<br>PLANT LOCATIONS. PROCE-<br>DURES ARE NOW BEING<br>PREPARED TO REQUALIFY ALL<br>AFFECTED PIPE SUPPORT<br>DESIGNS. | 15         |               |
| 70145       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 17 | 820309          | 999999     | PG&E OPEN ITEM:<br>SEISMIC ANCHOR MOVEMENTS<br>(SAM) EFFECTS WERE NOT<br>ADDRESSED FOR LARGE BORE<br>PG&E DESIGN CLASS I FILE 44<br>LINES ATTACHED TO<br>SEISMICALLY ANALYZED LINES.<br>THESE LINES WILL BE<br>IDENTIFIED AND ANALYZED FOR<br>SAM.                          | *PG&E ACTION REQUIRED*<br>PROCEDURES ARE NOW BEING<br>PREPARED TO IDENTIFY AND<br>QUALIFY ALL PIPING AND<br>SUPPORTS FOR THIS ISSUE.   | 5          |               |



STATUS OF PGandE OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                          | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>   | <u>STATUS</u>          | <u>A%C</u> | <u>CLS DT</u> |
|-------------|---|-----------------|------------|--|------------------------|------------|---------------|
| 70146       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 18 | 820309          | 999999     | PG&G OPEN ITEM:<br>CLASS I EQUIPMENT FOR THE<br>AUXILIARY SALTWATER SYSTEM<br>IN THE INTAKE STRUCTURE<br>WERE QUALIFIED TO THE<br>HOSGRI GROUND RESPONSE<br>SPECTRA INSTEAD OF THE<br>FLOOR RESPONSE SPECTRA.  | *PG&E ACTION REQUIRED* | 0          |               |
| 70147       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 19 | 820309          | 999999     | PG&E OPEN ITEM:<br>THE SEISMIC ANALYSIS OF THE<br>CONTAINMENT DOME SERVICE<br>CRANE UTILIZED SOME RESULTS<br>OF THE 3D NON-LINEAR POLAR<br>CRANE ANALYSIS. THESE<br>ANALYSES HAVE NOT YET BEEN<br>SUBMITTED FOR NRC REVIEW.                                | *PG&E ACTION REQUIRED* | 0          |               |
| 70148       | SEMI-MONTHLY STATUS<br>REPORT NO. 9<br>OPEN ITEM 20 | 820309          | 999999     | PG&E OPEN ITEM:<br>THE NRC CONSIDERS THE 3D<br>ANALYSIS OF THE CONTAINMENT<br>POLAR CRANE DESCRIBED IN THE<br>JULY 1979 URS/BLUME REPORT TO<br>SHOW THE RESULTS OF THE 2D<br>NON-LINEAR ANALYSIS INCLUDED<br>IN THE HOSGRI REPORT TO BE<br>UNCONSERVATIVE. | *PG&E ACTION REQUIRED* | 0          |               |



STATUS OF PG&E OPEN ITEMS

| <u>TASK</u> | <u>INITIATING DOCUMENT</u>                           | <u>IDENT DT</u> | <u>ECD</u> | <u>DESCRIPTION</u>  | <u>STATUS</u>          | <u>A%C</u> | <u>CLS DT</u> |
|-------------|--|-----------------|------------|---|------------------------|------------|---------------|
| 70161       | SEMI-MONTHLY STATUS<br>REPORT NO. 10<br>OPEN ITEM 21 | 820322          | 999999     | HVAC DUCT CALCULATIONS, EDS<br>C017-REV. 4 (9-16-80) -<br>CALCULATIONS, MADE BY EDS<br>FOR 14"Ø HVAC DUCT SUPPORT<br>LOADINGS USED INCORRECT<br>SEISMIC RESPONSE SPECTRA IN<br>SOME CASES. THIS MAY HAVE<br>RESULTED BECAUSE THE SPECTRA<br>PROVIDED BY PG&E (SHOWN IN<br>APPENDIX A OF THE EDS<br>CALCULATION FILE)<br>INADVERTENTLY OMITTED<br>DESIGNATING THE ELEVATION<br>163' SPECTRA AS PERTAINING TO<br>THE AUXILIARY BLDG., ONLY.<br>APPARENTLY, EDS PERSONNEL<br>MISTAKENLY ASSUMED THAT THOSE<br>SPECTRA COULD BE USED FOR<br>SEISMIC LOADING AT EL. 163'<br>IN THE TURBINE BUILDING. | *PG&E ACTION REQUIRED* | 0          |               |

